

Converting Colors

Decimal(12910299)

Have a look what the booklet for
Decimal(12910299) contains.

Decimal(12910299)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(12910299)

Conversions

Conversions Part 1

Format	Color
Hex	C4FEDB
RGB	196, 254, 219
RGB Percent	77%, 100%, 86%
CMY	0.2314, 0.0039, 0.1412
CMYK	0.23, 0.00, 0.14, 0.00
HSL	144°, 97%, 88%
HSV	144°, 23%, 100%
XYZ	70.9929, 87.7339, 80.2104
YIQ	232.6680, -23.3330, -23.1810

Conversions

Conversions Part 2

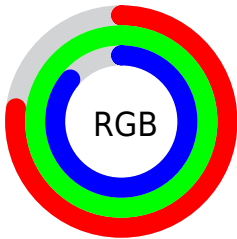
Format	Color
R _{YB}	196, 238, 254
Decimal	12910299
CIE _{Lab}	95.05, -25.00, 10.83
CIE _{LCh}	95, 27.247, 156.569
Yxy	87.7339, 0.2971, 0.3672
Android (android.graphics.Color)	4291100379 (0xFFC4FEDB)
YUV	232.6680, -6.7383, -32.1578
Hunter-Lab	93.6664, -28.6248, 14.7939

Details

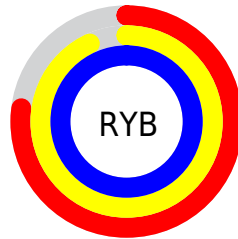
The Decimal color **12910299** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **16696551**, and the grayscale version is **15329769**.

A 20% lighter version of the original color is **16646143**, and **9291172** is the 20% darker color. If you saturate the color by 10%, you get **11271884**, and if you desaturate by 10%, it is **14548714**.

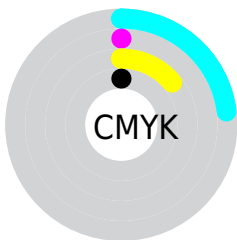
Distribution



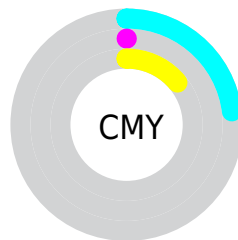
- Red (77%)
- Green (100%)
- Blue (86%)



- Red (77%)
- Yellow (93%)
- Blue (100%)



- Cyan (23%)
- Magenta (0%)
- Yellow (14%)
- Black (0%)



- Cyan (23%)
- Magenta (0%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 12910299 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Decimal color 12910299 by changing the saturation by 10% instead.

 12910299

 12910299

16777215

 11067839

16646143

 9291172


 7580298

 5869424

 4224344

 2579520

 803882

 11798

 6656

 12910299

 12910299

 11271884

 14548714

 9567932

 16252666

 7929517

16776959

 6225566

 4587150

 2948735

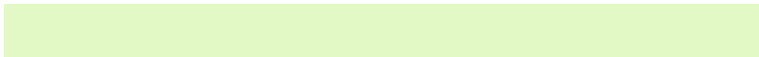
 1244784

 65125

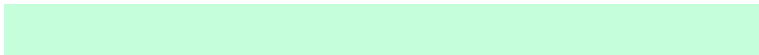
Harmonies

Analogous

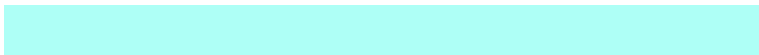
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



14875078



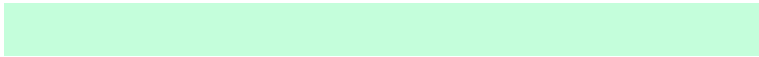
12910299



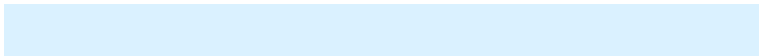
11468790

Triad

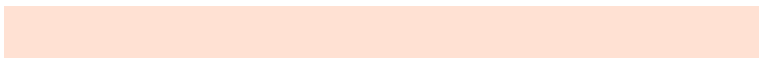
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



12910299



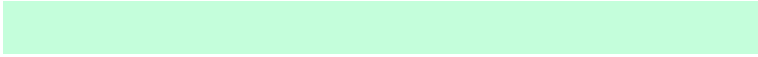
14348799



16769491

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



12910299



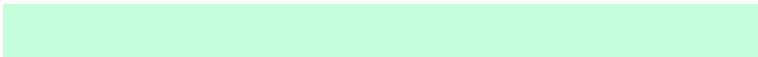
16696551

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



16768748



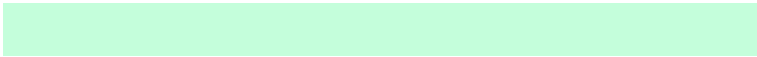
12910299



16640255

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



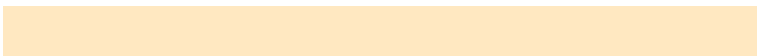
12910299



12188159



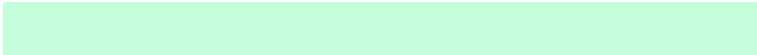
16769535



16771265

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



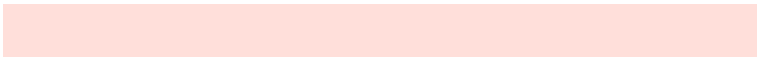
12910299



11010047



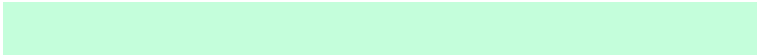
16769535



16768986

Sweetspot

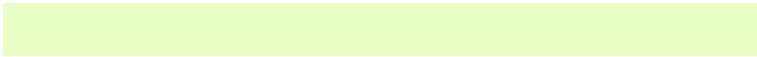
The Sweet Spot groups the original color and five complimentary colors.



12910299



15597556



15269572



7700601



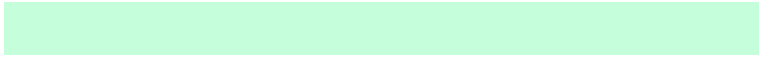
0



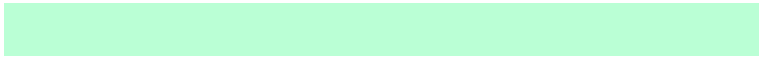
8421504

Same Dimension

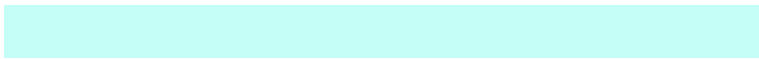
The Same Dimension uses a secret algorithm to generate beautiful new colors.



12910299



12255189



12910327



7569528



48972



16409

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



16696551



16759524



16696523



8418170



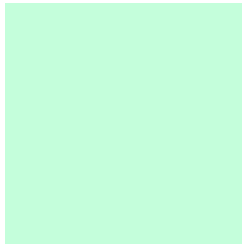
12517491



4194342

Previews

White Background



This preview shows how the Decimal color 12910299 looks on a white background.

Color Contrast Check

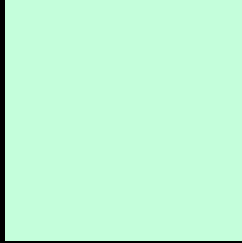
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Decimal color 12910299 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

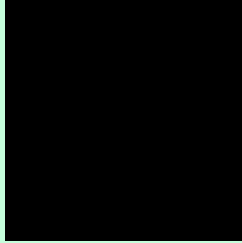
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

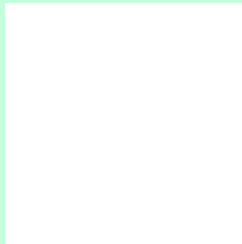
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Decimal 12910299 Background



This preview shows how black text looks on a background with the Decimal color 12910299.



This preview shows how white text looks on a background with the Decimal color 12910299.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



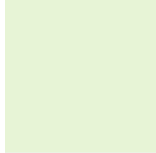


Tritanopia
14611711

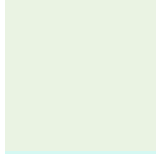
Trichromacy



Original Color
12910299



Protanomaly
15201494

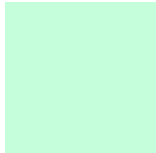


Deuteranomaly
15397859

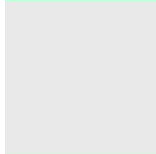


Tritanomaly
14022898

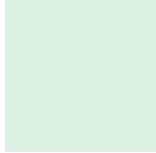
Monochromacy



Original Color
12910299



Achromatopsia
15329769



Achromatomaly
14479844

CSS Examples

Text

The CSS property to change the color of the text to Decimal 12910299 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #C4FEDB looks like.

```
.text, #text, p{  
    color:#C4FEDB  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #C4FEDB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C4FEDB
}
```

Border

The CSS property to change the border of an element to Decimal 12910299 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C4FEDB }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#C4FEDB }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #C4FEDB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C4FEDB; -webkit-box-shadow:4px 4px  
4px 4px #C4FEDB; box-shadow:4px 4px 4px  
4px #C4FEDB }
```

Background

The CSS property to change the background color of an element to Decimal 12910299 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C4FEDB }
```

If only the background color should be changed can be used:

```
.background{ background-color:#C4FEDB }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor