

Converting Colors

Decimal(13095913)

Have a look what the booklet for
Decimal(13095913) contains.

Decimal(13095913)	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(13095913)

Conversions

Conversions Part 1

Format	Color
Hex	C7D3E9
RGB	199, 211, 233
RGB Percent	78%, 83%, 91%
CMY	0.2196, 0.1725, 0.0863
CMYK	0.15, 0.09, 0.00, 0.09
HSL	219°, 44%, 85%
HSV	219°, 15%, 91%
XYZ	61.5554, 64.6138, 86.3182
YIQ	209.9200, -14.2140, 4.2980

Conversions

Conversions Part 2

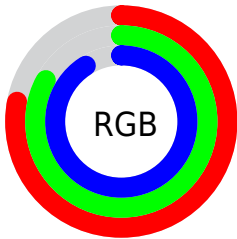
Format	Color
RYB	199, 208, 233
Decimal	13095913
CIELab	84.28, 0.33, -12.20
CIElCh	84, 12.202, 271.562
Yxy	64.6138, 0.2897, 0.3041
Android (android.graphics.Color)	4291285993 (0xFFC7D3E9)
YUV	209.9200, 11.3784, -9.5768
Hunter-Lab	80.3827, -3.9782, -7.4001

Details

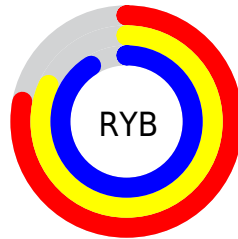
The Decimal color **13095913** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **15326663**, and the grayscale version is **13816530**.

A 20% lighter version of the original color is **16777215**, and **9543089** is the 20% darker color. If you saturate the color by 10%, you get **11584745**, and if you desaturate by 10%, it is **14607081**.

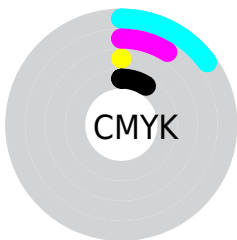
Distribution



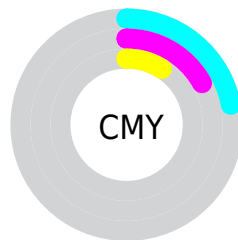
- Red (78%)
- Green (83%)
- Blue (91%)



- Red (78%)
- Yellow (82%)
- Blue (91%)



- Cyan (15%)
- Magenta (9%)
- Yellow (0%)
- Black (9%)



- Cyan (22%)
- Magenta (17%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 13095913 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 13095913 by changing the saturation by 10% instead.

■ 13095913

16777215

■ 13095913

■ 11319245

■ 9543089

■ 7832471

■ 6187389

■ 4608356

■ 3095116

■ 1647925

■ 135200

■ 6

■ 13095913

■ 13095913

■ 11584745

■ 14607081

■ 10008041

■ 16183785

■ 8496873

■ 16777193

■ 6985705

■ 5474537

■ 3897833

■ 2386409

■ 875241

■ 21225

Harmonies

Analogous

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



12310246



13095913



14012390

Triad

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



13095913



15453127



12703943

Complementary

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



13095913



15326663

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.



13555135



13095913



15126206

Square

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



13095913



15387602



14406331



12114386

Rectangle

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



13095913



14601697



14406331



12965828

Sweetspot

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



13095913



16120063



13101533



7961472



0



8421504

Same Dimension

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



13095913



13754879



13420521



6975093



16565



4918

Inverse Universe

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



15321043



16765409



15002055



7694958



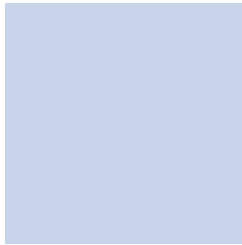
11862080



3538963

Previews

White Background



This preview shows how the Decimal color 13095913 looks on a white background.

Color Contrast Check

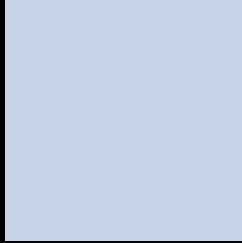
Large Text (above 18pt) WCAG AA × Fail

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 13095913 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

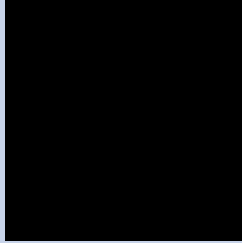
Any Text WCAG AA ✓ Pass

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 13095913 Background



This preview shows how black text looks on a background with the Decimal color 13095913.



This preview shows how white text looks on a background with the Decimal color 13095913.

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
13030629

Trichromacy



Original Color
13095913

Protanomaly
13423336

Deuteranomaly
13946858

Tritanomaly
13030630

Monochromacy



Original Color
13095913

Achromatopsia
13816530

Achromatomaly
13554394

CSS Examples

Text

The CSS property to change the color of the text to Decimal 13095913 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 #C7D3E9 looks like.

```
.text, #text, p{  
    color:#C7D3E9  
}
```

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 #C7D3E9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C7D3E9
}
```

Border

The CSS property to change the border of an element to Decimal 13095913 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
#C7D3E9 }
```

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

```
.border{ border-color:#C7D3E9 }
```

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

Here you see how a box with a 4 pixel #C7D3E9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C7D3E9; -webkit-box-shadow:4px 4px  
4px 4px #C7D3E9; box-shadow:4px 4px 4px  
4px #C7D3E9 }
```

Background

The CSS property to change the background color of an element to Decimal 13095913 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C7D3E9 }
```

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

```
.background{ background-color:#C7D3E9 }
```

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