

Converting Colors

Decimal(12895719)

Have a look what the booklet for
Decimal(12895719) contains.

Decimal(12895719)	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(12895719)

Conversions

Conversions Part 1

Format	Color
Hex	C4C5E7
RGB	196, 197, 231
RGB Percent	77%, 77%, 91%
CMY	0.2314, 0.2275, 0.0941
CMYK	0.15, 0.15, 0.00, 0.09
HSL	238°, 42%, 84%
HSV	238°, 15%, 91%
XYZ	57.1550, 57.4378, 83.6755
YIQ	200.5770, -11.5100, 10.3620

Conversions

Conversions Part 2

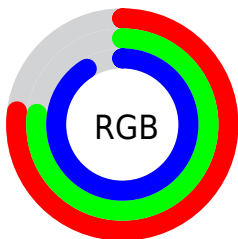
Format	Color
R _Y B	196, 197, 231
Decimal	12895719
CIE Lab	80.43, 6.40, -16.94
CIE LCh	80, 18.112, 290.702
Yxy	57.4378, 0.2883, 0.2897
Android (android.graphics.Color)	4291085799 (0xFFC4C5E7)
YUV	200.5770, 14.9985, -4.0140
Hunter-Lab	75.7877, 1.9865, -12.4093

Details

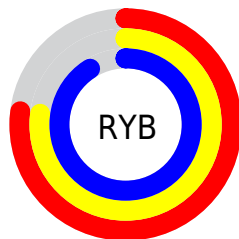
The Decimal color **12895719** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **15197892**, and the grayscale version is **13158600**.

A 20% lighter version of the original color is **16645887**, and **9342895** is the 20% darker color. If you saturate the color by 10%, you get **11382759**, and if you desaturate by 10%, it is **14408679**.

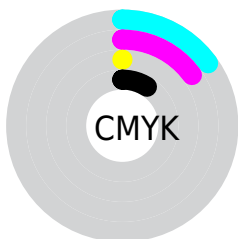
Distribution



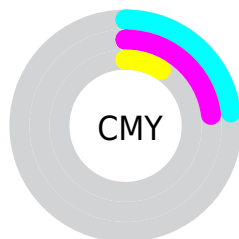
- Red (77%)
- Green (77%)
- Blue (91%)



- Red (77%)
- Yellow (77%)
- Blue (91%)



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



- Cyan (23%)
- Magenta (23%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 12895719 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 12895719 by changing the saturation by 10% instead.

■ 12895719

■ 12895719

16777215

■ 11119307

■ 16645887

■ 9342895

■ 7632533

■ 5987707

■ 4408930

■ 2895690

■ 1448755

■ 31

■ 1

■ 12895719

■ 12895719

■ 11382759

■ 14408679

■ 9869543

■ 15921895

■ 8356583

■ 16777191

■ 6843367

■ 5330407

■ 3751655

■ 2238695

■ 725479

■ 2023

Harmonies

Analogous

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



11455464



12895719



14270685

Triad

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



12895719



15187886



10801601

Complementary

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



12895719



15197892

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.



11915186



12895719



14337446

Square

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



12895719



15449276



13159080



10211795

Rectangle

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



12895719



14925267



13159080



11129276

Sweetspot

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



12895719



15922175



12904422



7895168



0



8421504

Same Dimension

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



12895719



13751039



13944039



6776947



1459



307

Inverse Universe

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



15189189



16765394



14149572



7563112



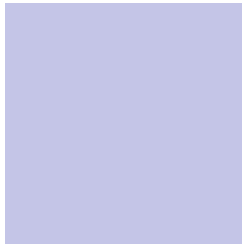
11730949



3342337

Previews

White Background



This preview shows how the Decimal color 12895719 looks on a white background.

Color Contrast Check

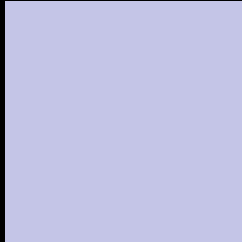
Large Text (above 18pt) WCAG AA × Fail

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 12895719 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

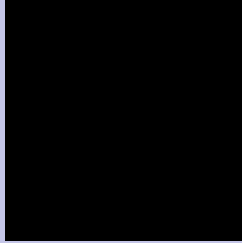
Any Text WCAG AA ✓ Pass

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 12895719 Background



This preview shows how black text looks on a background with the Decimal color 12895719.



This preview shows how white text looks on a background with the Decimal color 12895719.

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](#).

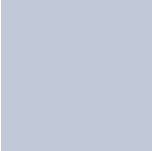
Dichromacy



Original Color
12895719

Protanopia
12699368

Deuteranopia
13353959



Tritanopia
12699863

Trichromacy



Original Color
12895719

Protanomaly
12764904

Deuteranomaly
13157607

Tritanomaly
12765149

Monochromacy



Original Color
12895719

Achromatopsia
13224393

Achromatomaly
13093076

CSS Examples

Text

The CSS property to change the color of the text to Decimal 12895719 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 #C4C5E7 looks like.

```
.text, #text, p{  
    color:#C4C5E7  
}
```

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 #C4C5E7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C4C5E7
}
```

Border

The CSS property to change the border of an element to Decimal 12895719 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
#C4C5E7 }
```

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

```
.border{ border-color:#C4C5E7 }
```

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

Here you see how a box with a 4 pixel #C4C5E7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C4C5E7; -webkit-box-shadow:4px 4px  
4px 4px #C4C5E7; box-shadow:4px 4px 4px  
4px #C4C5E7 }
```

Background

The CSS property to change the background color of an element to Decimal 12895719 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C4C5E7 }
```

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

```
.background{ background-color:#C4C5E7 }
```

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