

Converting Colors

Decimal(12996306)

Have a look what the booklet for
Decimal(12996306) contains.

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Color

Decimal(12996306)

Conversions

Conversions Part 1

Format	Color
Hex	C64ED2
RGB	198, 78, 210
RGB Percent	78%, 31%, 82%
CMY	0.2235, 0.6941, 0.1765
CMYK	0.06, 0.63, 0.00, 0.18
HSL	295°, 59%, 56%
HSV	295°, 63%, 82%
XYZ	37.6459, 22.1077, 63.2558
YIQ	128.9280, 29.1480, 66.4920

Conversions

Conversions Part 2

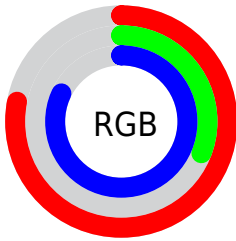
Format	Color
R_{YB}	198, 78, 210
Decimal	12996306
CIE _{Lab}	54.14, 64.86, -45.95
CIE _{LCh}	54, 79.489, 324.686
Yxy	22.1077, 0.3060, 0.1797
Android (android.graphics.Color)	4291186386 (0xFFC64ED2)
YUV	128.9280, 39.9685, 60.5761
Hunter-Lab	47.0188, 60.6344, -46.8514

Details

The Decimal color **12996306** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light muted magenta. A complement of this color would be **5952078**, and the grayscale version is **8487297**.

A 20% lighter version of the original color is **16746239**, and **9241755** is the 20% darker color. If you saturate the color by 10%, you get **12859858**, and if you desaturate by 10%, it is **13132754**.

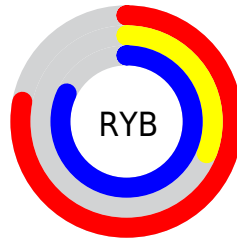
Distribution



Red (78%)

Green (31%)

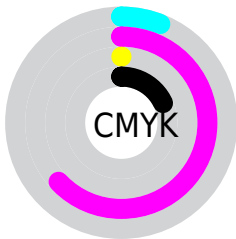
Blue (82%)



Red (78%)

Yellow (31%)

Blue (82%)

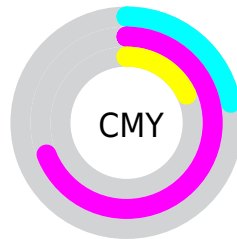


Cyan (6%)

Magenta (63%)

Yellow (0%)

Black (18%)



Cyan (22%)


















Magenta (69%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 12996306 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 12996306 by changing the saturation by 10% instead.

 12996306	 12996306
 16777215	 11088054
 16746239	 9241755
 16753663	 7405696
 16760831	 5570663
 16768255	 3866702
 16775935	 2097206
	 544
	 3
	 0

■ 12996306

■ 12996306

■ 12859858

■ 13132754

■ 12723410

■ 13269202

■ 12586962

■ 13405650

■ 12517586

■ 13542098

■ 13678546

■ 13749458

■ 13885906

■ 14022354

■ 14155730

Harmonies

Analogous

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



5928447



12996306



15869073

Triad

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



12996306



10975744



40889

Complementary

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



12996306



5952078

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.



40563



12996306



6721024

Square

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



12996306



14179072



39208



39922

Rectangle

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



12996306



16262499



39208



40866

Sweetspot

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



12996306



16502783



5135314



8217216



0



8421504

Same Dimension

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



12996306



15614207



13782685



6839913



10027176



2424873

Inverse Universe

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



13782618



16728145



5165699



6905439



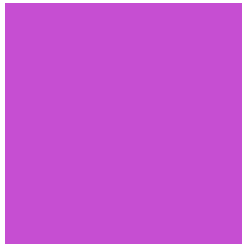
11010063



2686980

Previews

White Background



This preview shows how the Decimal color 12996306 looks on a white background.

Color Contrast Check

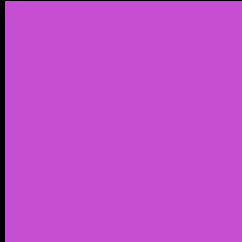
Large Text (above 18pt) WCAG AA ✓ Pass

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 12996306 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

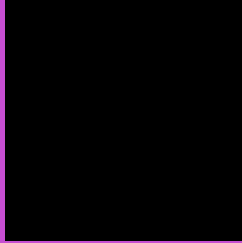
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Decimal 12996306 Background



This preview shows how black text looks on a background with the Decimal color 12996306.




This preview shows how white text looks on a background with the Decimal color 12996306.

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
12216946

Trichromacy



Original Color
12996306



Protanomaly
6843887



Deuteranomaly
8613836



Tritanomaly
12476565

Monochromacy



Original Color
12996306



Achromatopsia
8487297



Achromatomaly
10120862

CSS Examples

Text

The CSS property to change the color of the text to Decimal 12996306 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 #C64ED2 looks like.

```
.text, #text, p{  
  color:#C64ED2  
}
```

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 #C64ED2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C64ED2
}
```

Border

The CSS property to change the border of an element to Decimal 12996306 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
#C64ED2 }
```

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

```
.border{ border-color:#C64ED2 }
```

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

Here you see how a box with a 4 pixel #C64ED2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C64ED2; -webkit-box-shadow:4px 4px  
4px 4px #C64ED2; box-shadow:4px 4px 4px  
4px #C64ED2 }
```

Background

The CSS property to change the background color of an element to Decimal 12996306 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C64ED2 }
```

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

```
.background{ background-color:#C64ED2 }
```

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](#).

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