

Converting Colors

Decimal(12829798)

Have a look what the booklet for
Decimal(12829798) contains.

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Color

Decimal(12829798)

Conversions

Conversions Part 1

Format	Color
Hex	C3C466
RGB	195, 196, 102
RGB Percent	76%, 77%, 40%
CMY	0.2353, 0.2314, 0.6000
CMYK	0.01, 0.00, 0.48, 0.23
HSL	61°, 44%, 58%
HSV	61°, 48%, 77%
XYZ	44.6439, 52.0413, 20.2624
YIQ	184.9850, 29.5780, -29.4460

Conversions

Conversions Part 2

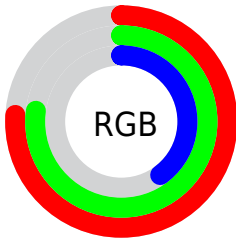
Format	Color
RYB	102, 196, 103
Decimal	12829798
CIELab	77.31, -13.51, 46.69
CIELCh	77, 48.603, 106.141
Yxy	52.0413, 0.3817, 0.4450
Android (android.graphics.Color)	4291019878 (0xFFC3C466)
YUV	184.9850, -40.9116, 8.7832
Hunter-Lab	72.1396, -15.7790, 33.8446

Details

The Decimal color **12829798** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **6776516**, and the grayscale version is **12171705**.

A 20% lighter version of the original color is **16645275**, and **9145907** is the 20% darker color. If you saturate the color by 10%, you get **12829778**, and if you desaturate by 10%, it is **12829818**.

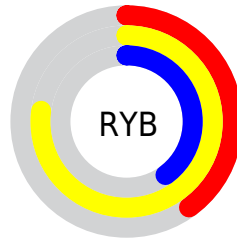
Distribution



Red (76%)

Green (77%)

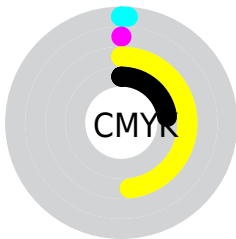
Blue (40%)



Red (40%)

Yellow (77%)

Blue (40%)

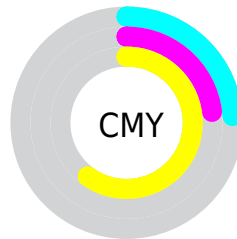


Cyan (1%)

Magenta (0%)

Yellow (48%)

Black (23%)



Cyan (24%)


















Magenta (23%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 12829798 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 12829798 by changing the saturation by 10% instead.

 12829798	 12829798
 16777215	 10987852
 16645275	 9145907
 16777143	 7370008
 16777171	 5659648
 16777199	 4080896
	 2371328
	 400128
	 0
 12829798	 12829798

12829778

12829818

12829759

12829837

12764203

12895393

12764184

12895412

12764164

12895432

12764160

12895452

12895471

12961023

Harmonies

Analogous

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



15578471



12829798



9490303

Triad

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



12829798



54271



16752086

Complementary

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



12829798



6776516

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.



14854910



12829798



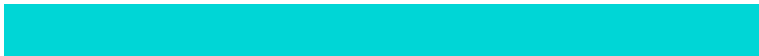
4442879

Square

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



12829798



54998



10664959



16751528

Rectangle

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



12829798



6804377



10664959



16752868

Sweetspot

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



12829798



16777179



12871270



8355946



0



8421504

Same Dimension

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



12829798



16645995



9815142



6381911



10461440



2171136

Inverse Universe

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



6776516



7171071



9791172



5724001



131233



33

Previews

White Background



This preview shows how the Decimal color 12829798 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 12829798 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

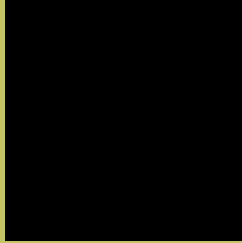
Any Text WCAG AA ✓ Pass

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 12829798 Background



This preview shows how black text looks on a background with the Decimal color 12829798.



This preview shows how white text looks on a background with the Decimal color 12829798.

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](#).

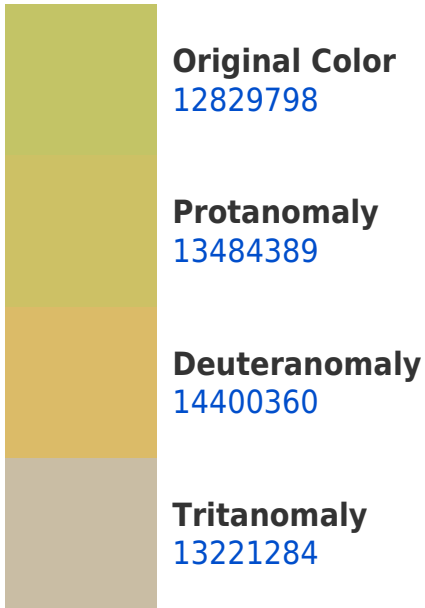
Dichromacy





Tritanopia
13482440

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 12829798 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 #C3C466 looks like.

```
.text, #text, p{  
    color:#C3C466  
}
```

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 #C3C466 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C3C466
}
```

Border

The CSS property to change the border of an element to Decimal 12829798 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
#C3C466 }
```

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

```
.border{ border-color:#C3C466 }
```

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

Here you see how a box with a 4 pixel #C3C466 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C3C466; -webkit-box-shadow:4px 4px  
4px 4px #C3C466; box-shadow:4px 4px 4px  
4px #C3C466 }
```

Background

The CSS property to change the background color of an element to Decimal 12829798 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C3C466 }
```

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

```
.background{ background-color:#C3C466 }
```

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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