

Converting Colors

Decimal(12766208)

Have a look what the booklet for
Decimal(12766208) contains.

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Color

Decimal(12766208)

Conversions

Conversions Part 1

Format	Color
Hex	C2CC00
RGB	194, 204, 0
RGB Percent	76%, 80%, 0%
CMY	0.2392, 0.2000, 1.0000
CMYK	0.05, 0.00, 1.00, 0.20
HSL	63°, 100%, 40%
HSV	63°, 100%, 80%
XYZ	43.8410, 54.6551, 8.2388
YIQ	177.7540, 59.5240, -65.5640

Conversions

Conversions Part 2

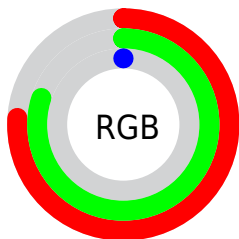
Format	Color
RYB	0, 204, 10
Decimal	12766208
CIELab	78.84, -22.48, 78.93
CIELCh	79, 82.067, 105.897
Yxy	54.6551, 0.4107, 0.5121
Android (android.graphics.Color)	4290956288 (0xFFC2CC00)
YUV	177.7540, -87.6327, 14.2477
Hunter-Lab	73.9291, -23.5228, 45.1429

Details

The Decimal color **12766208** is a dark color, and the websafe version is hex **C0C000**. The color can be described as middle washed yellow. A complement of this color would be **655564**, and the grayscale version is **11776947**.

A 20% lighter version of the original color is **16711508**, and **8951296** is the 20% darker color. If you saturate the color by 10%, you get **12766208**, and if you desaturate by 10%, it is **12831764**.

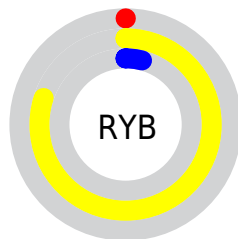
Distribution



Red (76%)

Green (80%)

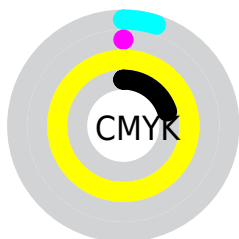
Blue (0%)



Red (0%)

Yellow (80%)

Blue (4%)

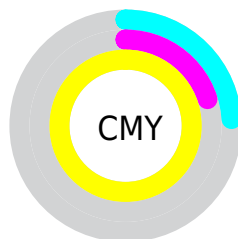


Cyan (5%)

Magenta (0%)

Yellow (100%)

Black (20%)



Cyan (24%)


















Magenta (20%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 12766208 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 12766208 by changing the saturation by 10% instead.

 12766208	 12766208
 16777215	 10858752
 16711508	 8951296
 16777074	 7044096
 16777103	 5202944
 16777132	 3427328
 16777161	 1651968
 16777191	 8192
	 0

 12766208


 12831764

 12897321

 12962877

 13028434

 13093990

 13159546

 13225103

 13290659

 13356216

Harmonies

Analogous

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



16757268



12766208



6741072

Triad

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



12766208



58367



16743659

Complementary

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



12766208



655564

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.



16424191



12766208



55039

Square

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



12766208



59371



7519999



16742558

Rectangle

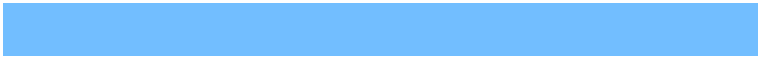
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



12766208



57985



7519999



16745983

Sweetspot

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



12766208



16514995



13371136



8224850



0



8421504

Same Dimension

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



12766208



15990528



6278144



6710876



10397184



2369024

Inverse Universe

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



655564



786687



7143628



6052966



524454



131110

Previews

White Background



This preview shows how the Decimal color 12766208 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 12766208 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 12766208 Background



This preview shows how black text looks on a background with the Decimal color 12766208.

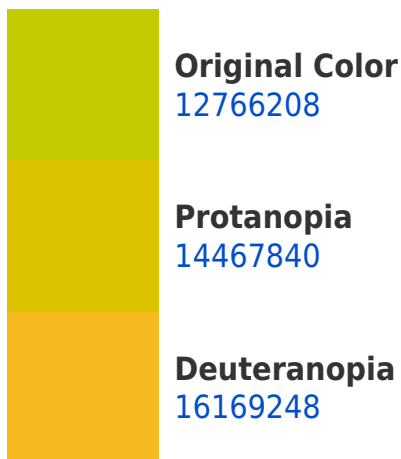



This preview shows how white text looks on a background with the Decimal color 12766208.

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](#).

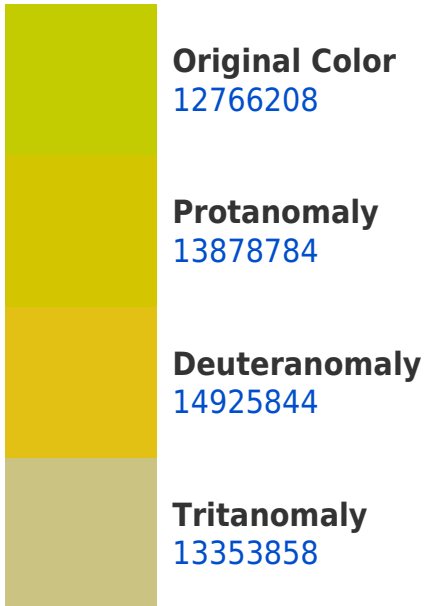
Dichromacy





Tritanopia
13680332

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 12766208 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 #C2CC00 looks like.

```
.text, #text, p{  
    color:#C2CC00  
}
```

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 #C2CC00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C2CC00
}
```

Border

The CSS property to change the border of an element to Decimal 12766208 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
#C2CC00 }
```

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

```
.border{ border-color:#C2CC00 }
```

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

Here you see how a box with a 4 pixel #C2CC00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C2CC00; -webkit-box-shadow:4px 4px  
4px 4px #C2CC00; box-shadow:4px 4px 4px  
4px #C2CC00 }
```

Background

The CSS property to change the background color of an element to Decimal 12766208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C2CC00 }
```

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

```
.background{ background-color:#C2CC00 }
```

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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