

Converting Colors

Decimal(12769280)

Have a look what the booklet for
Decimal(12769280) contains.

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Color

Decimal(12769280)

Conversions

Conversions Part 1

Format	Color
Hex	C2D800
RGB	194, 216, 0
RGB Percent	76%, 85%, 0%
CMY	0.2392, 0.1529, 1.0000
CMYK	0.10, 0.00, 1.00, 0.15
HSL	66°, 100%, 42%
HSV	66°, 100%, 85%
XYZ	46.8040, 60.5811, 9.2265
YIQ	184.7980, 56.2240, -71.8400

Conversions

Conversions Part 2

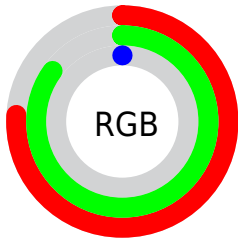
Format	Color
RYB	0, 216, 22
Decimal	12769280
CIELab	82.15, -28.24, 81.38
CIElCh	82, 86.142, 109.134
Yxy	60.5811, 0.4014, 0.5195
Android (android.graphics.Color)	4290959360 (0xFFC2D800)
YUV	184.7980, -91.1054, 8.0702
Hunter-Lab	77.8338, -28.8714, 47.4554

Details

The Decimal color **12769280** is a dark color, and the websafe version is hex **CCCC00**. The color can be described as middle washed yellow. A complement of this color would be **1442008**, and the grayscale version is **12237498**.

A 20% lighter version of the original color is **16711511**, and **8888576** is the 20% darker color. If you saturate the color by 10%, you get **12769280**, and if you desaturate by 10%, it is **12900374**.

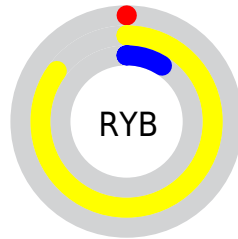
Distribution



Red (76%)

Green (85%)

Blue (0%)



Red (0%)

Yellow (85%)

Blue (9%)

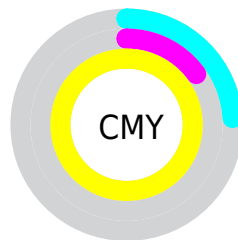


Cyan (10%)

Magenta (0%)

Yellow (100%)

Black (15%)



Cyan (24%)



















Magenta (15%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 12769280 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 12769280 by changing the saturation by 10% instead.

 12769280	 12769280
 16777215	 10796032
 16711511	 8888576
 16777077	 7046912
 16777106	 5205504
 16777135	 3298560
 16777165	 1392128
 16777194	 10240
	 3584
	 0

 12769280

 12900374

 13031467

 13228097

 13359190

 13490284

 13621378

 13752471

 13949101

 14080194

Harmonies

Analogous

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



16760320



12769280



5957722

Triad

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



12769280



60927



16744173

Complementary

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



12769280



1442008

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.



16752383



12769280



57087

Square

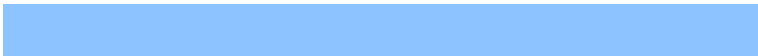
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



12769280



62207



9290751



16743836

Rectangle

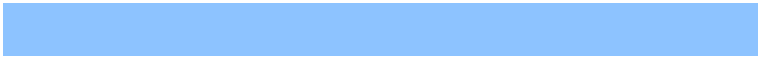
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



12769280



61071



9290751



16746495

Sweetspot

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



12769280



16252851



14161408



8093778



0



8421504

Same Dimension

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



12769280



15073024



5691392



6974304



10070784



2566912

Inverse Universe

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



1442008



1704191



8519896



6381675



1114283



262187

Previews

White Background



This preview shows how the Decimal color 12769280 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 12769280 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 12769280 Background



This preview shows how black text looks on a background with the Decimal color 12769280.



This preview shows how white text looks on a background with the Decimal color 12769280.

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](#).

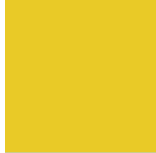
Dichromacy



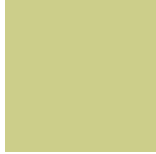
Trichromacy



Original Color
12769280



Deuteranomaly
15321639

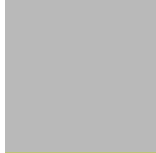


Tritanomaly
13422218

Monochromacy



Original Color
12769280



Achromatopsia
12171705



Achromatomaly
12371062

CSS Examples

Text

The CSS property to change the color of the text to Decimal 12769280 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 #C2D800 looks like.

```
.text, #text, p{  
  color:#C2D800  
}
```

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 #C2D800 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C2D800
}
```

Border

The CSS property to change the border of an element to Decimal 12769280 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
#C2D800 }
```

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

```
.border{ border-color:#C2D800 }
```

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

Here you see how a box with a 4 pixel #C2D800 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C2D800; -webkit-box-shadow:4px 4px  
4px 4px #C2D800; box-shadow:4px 4px 4px  
4px #C2D800 }
```

Background

The CSS property to change the background color of an element to Decimal 12769280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C2D800 }
```

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

```
.background{ background-color:#C2D800 }
```

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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