

Converting Colors

Decimal(15784212)

Have a look what the booklet for
Decimal(15784212) contains.

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Color

Decimal(15784212)

Conversions

Conversions Part 1

Format	Color
Hex	F0D914
RGB	240, 217, 20
RGB Percent	94%, 85%, 8%
CMY	0.0588, 0.1490, 0.9216
CMYK	0.00, 0.10, 0.92, 0.06
HSL	54°, 88%, 51%
HSV	54°, 92%, 94%
XYZ	60.8743, 68.2015, 10.6176
YIQ	201.4190, 76.9450, -56.3910

Conversions

Conversions Part 2

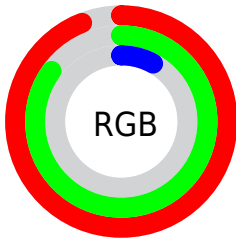
Format	Color
R_{YB}	46, 240, 20
Decimal	15784212
CIE _{Lab}	86.11, -9.13, 83.99
CIE _{LCh}	86, 84.485, 96.201
Yxy	68.2015, 0.4358, 0.4882
Android (android.graphics.Color)	4293974292 (0xFFFF0D914)
YUV	201.4190, -89.4396, 33.8355
Hunter-Lab	82.5842, -12.9467, 50.1862

Details

The Decimal color **15784212** is a light color, and the websafe version is hex **CCCC00**. The color can be described as light washed yellow. A complement of this color would be **1321968**, and the grayscale version is **13290186**.

A 20% lighter version of the original color is **16777054**, and **11772672** is the 20% darker color. If you saturate the color by 10%, you get **15783680**, and if you desaturate by 10%, it is **15785004**.

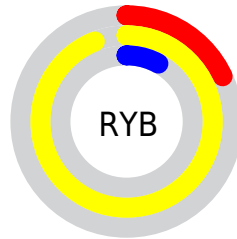
Distribution



Red (94%)

Green (85%)

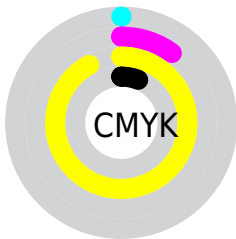
Blue (8%)



Red (18%)

Yellow (94%)

Blue (8%)

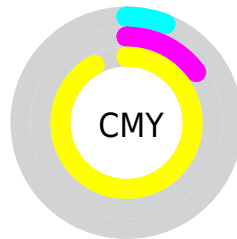


Cyan (0%)

Magenta (10%)

Yellow (92%)

Black (6%)



Cyan (6%)


















Magenta (15%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 15784212 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 15784212 by changing the saturation by 10% instead.

 15784212	 15784212
16777215	 13745408
 16777054	 11772672
 16777084	 9865472
 16777113	 7958528
 16777142	 6051584
 16777172	 4276224
 16777202	 2566912
	 726784
	 0

■ 15784212

■ 15784212

■ 15783680

■ 15785004

■ 15785540

■ 15786332

■ 15786868

■ 15787660

■ 15788196

■ 15788988

■ 15789524

■ 15790316

Harmonies

Analogous

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



16759612



15784212



10284361

Triad

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



15784212



64511



16750591

Complementary

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



15784212



1321968

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.



15711231



15784212



61951

Square

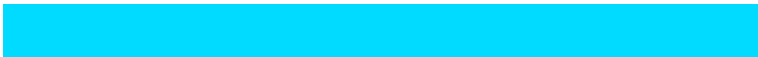
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



15784212



64998



56319



16746698

Rectangle

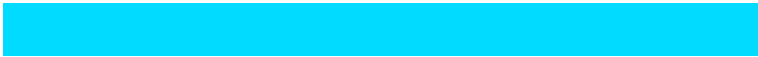
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



15784212



4322937



56319



16753407

Sweetspot

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



15784212



16775352



15733806



8420180



0



8421504

Same Dimension

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



15784212



16770048



10285076



7894892



12100608



3682816

Inverse Universe

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



1321968



7167



6821104



7105912



5048



1592

Previews

White Background



This preview shows how the Decimal color 15784212 looks on a white background.

Color Contrast Check

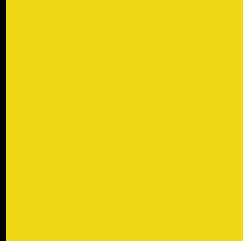
Large Text (above 18pt) WCAG AA × Fail

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 15784212 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 15784212 Background



This preview shows how black text looks on a background with the Decimal color 15784212.

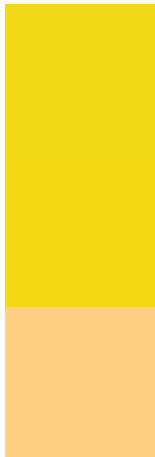


This preview shows how white text looks on a background with the Decimal color 15784212.

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
15784212

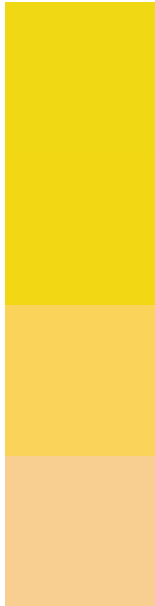
Protanopia
15980564

Deuteranopia
16765060



Tritanopia
16632537

Trichromacy



Original Color
15784212

Protanomaly
15915028

Deuteranomaly
16438107

Tritanomaly
16306065

Monochromacy



Original Color
15784212

Achromatopsia
13224393

Achromatomaly
14143367

CSS Examples

Text

The CSS property to change the color of the text to Decimal 15784212 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 #F0D914 looks like.

```
.text, #text, p{  
  color:#F0D914  
}
```

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 #F0D914 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F0D914
}
```

Border

The CSS property to change the border of an element to Decimal 15784212 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
#F0D914 }
```

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

```
.border{ border-color:#F0D914 }
```

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

Here you see how a box with a 4 pixel #F0D914 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F0D914; -webkit-box-shadow:4px 4px  
4px 4px #F0D914; box-shadow:4px 4px 4px  
4px #F0D914 }
```

Background

The CSS property to change the background color of an element to Decimal 15784212 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F0D914 }
```

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

```
.background{ background-color:#F0D914 }
```

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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