

Converting Colors

Decimal(15717136)

Have a look what the booklet for
Decimal(15717136) contains.

Decimal(15717136)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(15717136)

Conversions

Conversions Part 1

Format	Color
Hex	EFD310
RGB	239, 211, 16
RGB Percent	94%, 83%, 6%
CMY	0.0627, 0.1725, 0.9373
CMYK	0.00, 0.12, 0.93, 0.06
HSL	52°, 87%, 50%
HSV	52°, 93%, 94%
XYZ	58.9844, 64.9767, 9.9232
YIQ	197.1420, 79.2830, -54.7090

Conversions

Conversions Part 2

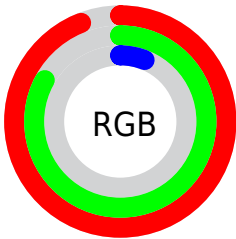
Format	Color
R _Y B	48, 239, 16
Decimal	15717136
CIE Lab	84.47, -6.58, 83.22
CIE LCh	84, 83.483, 94.523
Yxy	64.9767, 0.4406, 0.4853
Android (android.graphics.Color)	4293907216 (0xFFEFD310)
YUV	197.1420, -89.3030, 36.7095
Hunter-Lab	80.6081, -10.4481, 49.1269

Details

The Decimal color **15717136** is a light color, and the websafe version is hex **FFCC00**. The color can be described as light washed yellow. A complement of this color would be **1060079**, and the grayscale version is **13027014**.

A 20% lighter version of the original color is **16777052**, and **11705600** is the 20% darker color. If you saturate the color by 10%, you get **15716608**, and if you desaturate by 10%, it is **15717928**.

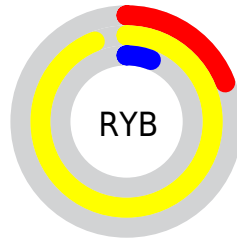
Distribution



Red (94%)

Green (83%)

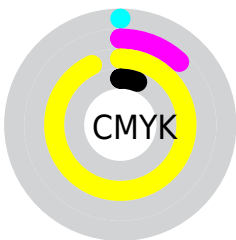
Blue (6%)



Red (19%)

Yellow (94%)

Blue (6%)

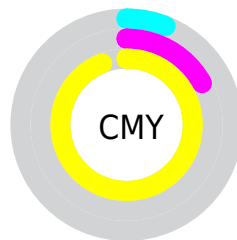


Cyan (0%)

Magenta (12%)

Yellow (93%)

Black (6%)



Cyan (6%)



















Magenta (17%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 15717136 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 15717136 by changing the saturation by 10% instead.

 15717136	 15717136
 16777215	 13678592
 16777052	 11705600
 16777081	 9732864
 16777110	 7891456
 16777140	 5984768
 16777169	 4209664
 16777199	 2565632
	 529152
	 0

■ 15717136

■ 15717136

■ 15716608

■ 15717928

■ 15718720

■ 15719512

■ 15720304

■ 15721095

■ 15721887

■ 15722679

■ 15723471

■ 15724263

Harmonies

Analogous

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



16758077



15717136



10348355

Triad

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



15717136



63231



16750079

Complementary

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



15717136



1060079

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.



14924031



15717136



60927

Square

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



15717136



63709



55551



16745674

Rectangle

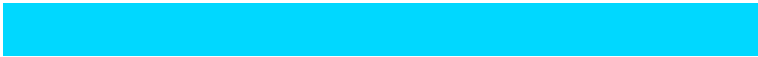
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



15717136



4911218



55551



16752895

Sweetspot

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



15717136



16774840



15667246



8419924



0



8421504

Same Dimension

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



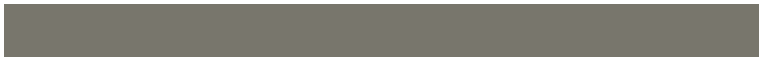
15717136



16768768



10350352



7894636



12099840



3682560

Inverse Universe

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



1060079



8447



6426863



7105912



6072



1848

Previews

White Background



This preview shows how the Decimal color 15717136 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 15717136 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 15717136 Background



This preview shows how black text looks on a background with the Decimal color 15717136.



This preview shows how white text looks on a background with the Decimal color 15717136.

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
15717136

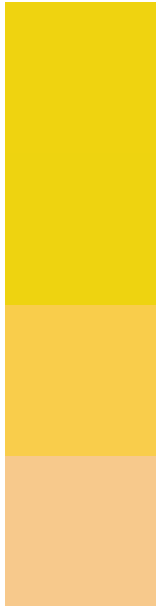
Protanopia
15651600

Deuteranopia
16763501



Tritanopia
16499923

Trichromacy



Original Color
15717136

Protanomaly
15651600

Deuteranomaly
16371019

Tritanomaly
16238988

Monochromacy



Original Color
15717136

Achromatopsia
12961221

Achromatomaly
13945475

CSS Examples

Text

The CSS property to change the color of the text to Decimal 15717136 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 #EFD310 looks like.

```
.text, #text, p{  
    color:#EFD310  
}
```

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 #EFD310 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EFD310
}
```

Border

The CSS property to change the border of an element to Decimal 15717136 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
#EFD310 }
```

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

```
.border{ border-color:#EFD310 }
```

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

Here you see how a box with a 4 pixel #EFD310 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EFD310; -webkit-box-shadow:4px 4px  
4px 4px #EFD310; box-shadow:4px 4px 4px  
4px #EFD310 }
```

Background

The CSS property to change the background color of an element to Decimal 15717136 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EFD310 }
```

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

```
.background{ background-color:#EFD310 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor