

Converting Colors

Decimal(16691712)

Have a look what the booklet for
Decimal(16691712) contains.

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Color

Decimal(16691712)

Conversions

Conversions Part 1

Format	Color
Hex	FEB200
RGB	254, 178, 0
RGB Percent	100%, 70%, 0%
CMY	0.0039, 0.3020, 1.0000
CMYK	0.00, 0.30, 1.00, 0.00
HSL	42°, 100%, 50%
HSV	42°, 100%, 100%
XYZ	56.7934, 52.9116, 7.2196
YIQ	180.4320, 102.4340, -39.2460

Conversions

Conversions Part 2

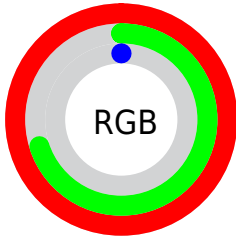
Format	Color
RYB	108, 254, 0
Decimal	16691712
CIELab	77.82, 16.73, 80.81
CIELCh	78, 82.527, 78.305
Yxy	52.9116, 0.4857, 0.4525
Android (android.graphics.Color)	4294881792 (0xFFFE200)
YUV	180.4320, -88.9530, 64.5191
Hunter-Lab	72.7404, 12.0717, 45.0336

Details

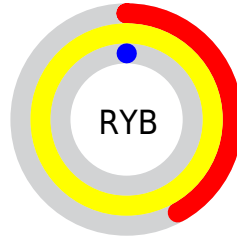
The Decimal color **16691712** is a dark color, and the websafe version is hex **FFCC33**. The color can be described as middle saturated orange. A complement of this color would be **19710**, and the grayscale version is **11908533**.

A 20% lighter version of the original color is **16771410**, and **12549632** is the 20% darker color. If you saturate the color by 10%, you get **16691712**, and if you desaturate by 10%, it is **16693785**.

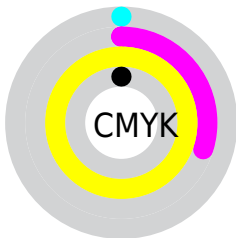
Distribution



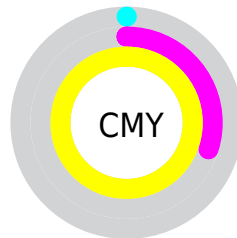
- Red (100%)
- Green (70%)
- Blue (0%)



- Red (42%)
- Yellow (100%)
- Blue (0%)



- Cyan (0%)
- Magenta (30%)
- Yellow (100%)
- Black (0%)




















- Cyan (0%)
- Magenta (30%)
- Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 16691712 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 16691712 by changing the saturation by 10% instead.

 16691712	 16691712
16777215	 14587648
 16771410	 12549632
 16777071	 10577152
 16777099	 8604928
 16777128	 6632960
 16777157	 4858112
 16777187	 3083264
	 1114112
	 0

 16691712

 16693785

 16695603

 16697676

 16699494

 16701567

 16703640

 16705458

 16707531

 16709349

Harmonies

Analogous

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



16748879



16691712



12176128

Triad

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



16691712



58606



16684799

Complementary

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



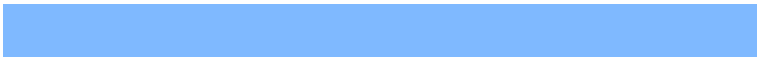
16691712



19710

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.



8370687



16691712



57343

Square

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



16691712



58015



54015



16742370

Rectangle

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



16691712



8377914



54015



14590719

Sweetspot

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



16691712



16771251



16646220



8417874



0



8421504

Same Dimension

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



16691712



16757504



13368832



8420467



12551680



4205824

Inverse Universe

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



19710



19711



3342590



7567232



14783



4928

Previews

White Background



This preview shows how the Decimal color 16691712 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 16691712 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 16691712 Background



This preview shows how black text looks on a background with the Decimal color 16691712.



This preview shows how white text looks on a background with the Decimal color 16691712.

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
16691712

Protanopia
14270736

Deuteranopia
16037632



Tritanopia
16755124

Trichromacy



Original Color
16691712

Protanomaly
15121418

Deuteranomaly
16299264

Tritanomaly
16755827

Monochromacy



Original Color
16691712

Achromatopsia
11842740

Achromatomaly
13611891

CSS Examples

Text

The CSS property to change the color of the text to Decimal 16691712 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 #FEB200 looks like.

```
.text, #text, p{  
  color:#FEB200  
}
```

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 #FEB200 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FEB200
}
```

Border

The CSS property to change the border of an element to Decimal 16691712 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
#FEB200 }
```

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

```
.border{ border-color:#FEB200 }
```

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

Here you see how a box with a 4 pixel #FEB200 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FEB200; -webkit-box-shadow:4px 4px  
4px 4px #FEB200; box-shadow:4px 4px 4px  
4px #FEB200 }
```

Background

The CSS property to change the background color of an element to Decimal 16691712 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FEB200 }
```

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

```
.background{ background-color:#FEB200 }
```

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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