

Converting Colors

Decimal(16777012)

Have a look what the booklet for
Decimal(16777012) contains.

Decimal(16777012)	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(16777012)

Conversions

Conversions Part 1

Format	Color
Hex	FFFF34
RGB	255, 255, 52
RGB Percent	100%, 100%, 20%
CMY	0.0000, 0.0000, 0.7961
CMYK	0.00, 0.00, 0.80, 0.00
HSL	60°, 100%, 60%
HSV	60°, 80%, 100%
XYZ	77.6198, 93.0279, 17.1140
YIQ	231.8580, 65.1630, -63.1330

Conversions

Conversions Part 2

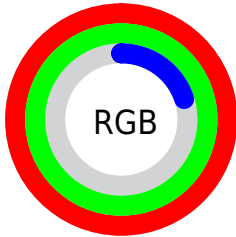
Format	Color
R _Y B	52, 255, 52
Decimal	16777012
CIE Lab	97.24, -20.74, 87.30
CIE LCh	97, 89.735, 103.365
Yxy	93.0279, 0.4134, 0.4955
Android (android.graphics.Color)	4294967092 (0xFFFFFFFF34)
YUV	231.8580, -88.6700, 20.2955
Hunter-Lab	96.4510, -25.1397, 56.9954

Details

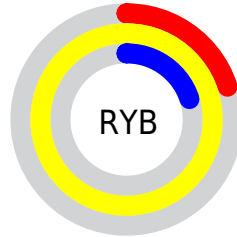
The Decimal color **16777012** is a light color, and the websafe version is hex **FFFF33**. The color can be described as light washed yellow. A complement of this color would be **3421439**, and the grayscale version is **15329769**.

A 20% lighter version of the original color is **16777077**, and **12764928** is the 20% darker color. If you saturate the color by 10%, you get **16776986**, and if you desaturate by 10%, it is **16777038**.

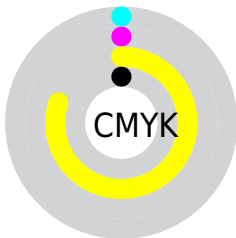
Distribution



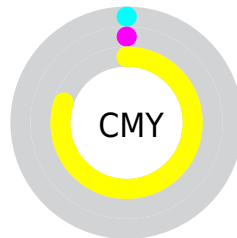
- Red (100%)
- Green (100%)
- Blue (20%)



- Red (20%)
- Yellow (100%)
- Blue (20%)



- Cyan (0%)
- Magenta (0%)
- Yellow (80%)
- Black (0%)



















- Cyan (0%)
- Magenta (0%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 16777012 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 16777012 by changing the saturation by 10% instead.

 16777012	 16777012
16777215	 14737920
 16777077	 12764928
 16777107	 10791680
 16777137	 8884480
 16777166	 6977536
 16777196	 5136128
	 3294976
	 1585408
	 7424

 16777012

 16777012

 16776986

 16777038

 16776961

 16777063

 16776960

 16777089

 16777114

 16777139

 16777165

 16777191

16777215

Harmonies

Analogous

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



16769347



16777012



10289007

Triad

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



16777012



65535



16755967

Complementary

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



16777012



3421439

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.



16764927



16777012



65535

Square

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



16777012



65535



9630975



16753876

Rectangle

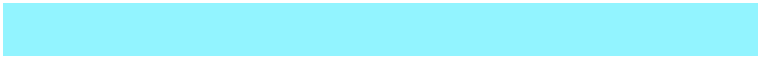
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



16777012



65445



9630975



16758527

Sweetspot

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



16777012



16777154



16725044



8421467



0



8421504

Same Dimension

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



16777012



16776970



10157876



8421491



12566272



4210688

Inverse Universe

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



3421439



658175



10106111



7566208



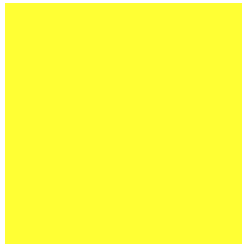
191



64

Previews

White Background



This preview shows how the Decimal color 16777012 looks on a white background.

Color Contrast Check

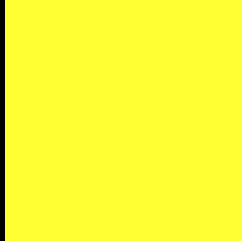
Large Text (above 18pt) WCAG AA × Fail

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 16777012 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 16777012 Background



This preview shows how black text looks on a background with the Decimal color 16777012.



This preview shows how white text looks on a background with the Decimal color 16777012.

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](#).

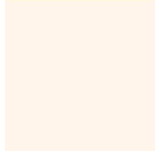
Dichromacy




Original Color
16777012



Protanopia
16775129



Deuteranopia
16774634

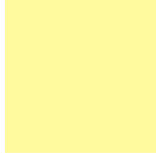


Tritanopia
16774394

Trichromacy



Original Color
16777012



Protanomaly
16775837

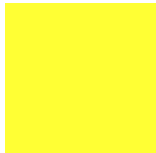


Deuteranomaly
16775592

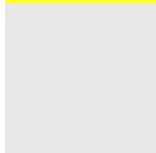


Tritanomaly
16775346

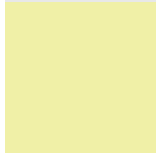
Monochromacy



Original Color
16777012



Achromatopsia
15263976



Achromatomaly
15790247

CSS Examples

Text

The CSS property to change the color of the text to Decimal 16777012 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 #FFFF34 looks like.

```
.text, #text, p{  
    color:#FFFF34  
}
```

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 #FFFF34 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFFF34  
}
```

Border

The CSS property to change the border of an element to Decimal 16777012 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  
#FFFF34 }
```

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

```
.border{ border-color:#FFFF34 }
```

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

Here you see how a box with a 4 pixel #FFFF34 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFFF34; -webkit-box-shadow:4px 4px  
4px 4px #FFFF34; box-shadow:4px 4px 4px  
4px #FFFF34 }
```

Background

The CSS property to change the background color of an element to Decimal 16777012 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFFF34 }
```

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

```
.background{ background-color:#FFFF34 }
```

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