

# Converting Colors

Decimal(16576017)

Have a look what the booklet for  
Decimal(16576017) contains.

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# **Color**

**Decimal(16576017)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FCEE11
RGB	252, 238, 17
RGB Percent	99%, 93%, 7%
CMY	0.0118, 0.0667, 0.9333
CMYK	0.00, 0.06, 0.93, 0.01
HSL	56°, 98%, 53%
HSV	56°, 93%, 99%
XYZ	70.8206, 81.8850, 12.6031
YIQ	216.9920, 79.2850, -65.7630

# Conversions

## Conversions Part 2

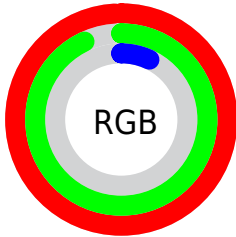
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	32, 252, 17
Decimal	16576017
CIE Lab	92.52, -14.49, 89.64
CIE LCh	93, 90.804, 99.179
Yxy	81.8850, 0.4284, 0.4953
Android (android.graphics.Color)	4294766097 (0xFFFC EE11)
YUV	216.9920, -98.5961, 30.7020
Hunter-Lab	90.4903, -18.6583, 55.0856

# Details

The Decimal color **16576017** 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 **1122300**, and the grayscale version is **14342874**.

A 20% lighter version of the original color is **16777057**, and **12564224** is the 20% darker color. If you saturate the color by 10%, you get **16575744**, and if you desaturate by 10%, it is **16576554**.

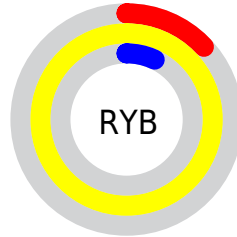
# Distribution



Red (99%)

Green (93%)

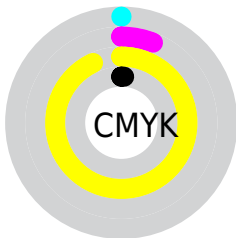
Blue (7%)



Red (13%)

Yellow (99%)

Blue (7%)

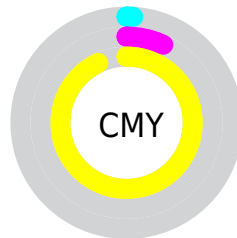


Cyan (0%)

Magenta (6%)

Yellow (93%)

Black (1%)



Cyan (1%)

Magenta (7%)


















Yellow (93%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 16576017 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 16576017 by changing the saturation by 10% instead.



 16576017	 16576017
16777215	 14537216
 16777057	 12564224
 16777088	 10591232
 16777117	 8618496
 16777147	 6711552
 16777177	 4870400
 16777207	 3160832
	 1516800
	 4096

 16576017

 16576017

 16575744

 16576554

 16576835

 16577373

 16577654

 16578191

 16578472

 16579009

 16579291

 16579828

# Harmonies

## Analogous

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



16764728



16576017



10354517

# Triad

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



16576017



65535



16752895

# Complementary

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



16576017



1122300

# 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.



16762623



16576017



65535

# Square

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



16576017



65535



4844543



16749266

# Rectangle

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



16576017



1965963



4844543



16755967



# Sweetspot

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



16576017



16776120



16519457



8420692



0



8421504



# Same Dimension

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



16576017



16773120



9894929



8223856



12431616



4012544



# Inverse Universe

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



1122300



4095



7803388



7369085



3005

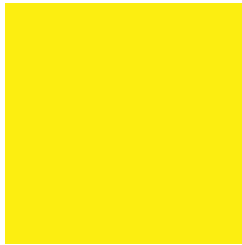


1085



# Previews

## White Background



This preview shows how the Decimal color 16576017 looks on a white background.

## Color Contrast Check

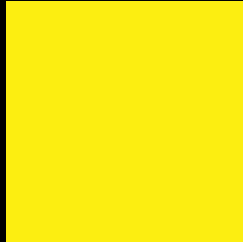
Large Text (above 18pt) WCAG AA × Fail

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 16576017 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 16576017 Background



This preview shows how black text looks on a background with the Decimal color 16576017.


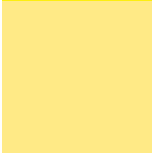



This preview shows how white text looks on a background with the Decimal color 16576017.

# 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

	<b>Original Color</b> 16576017
	<b>Protanopia</b> 16771718
	<b>Deuteranopia</b> 16770757



**Tritanopia**  
16769773

# Trichromacy



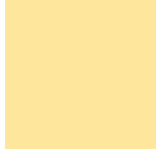
**Original Color**  
16576017



**Protanomaly**  
16706395



**Deuteranomaly**  
16705924

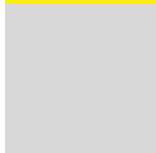


**Tritanomaly**  
16705181

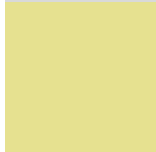
# Monochromacy



**Original Color**  
16576017



**Achromatopsia**  
14277081



**Achromatomaly**  
15131024

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 16576017 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 #FCEE11 looks like.

```
.text, #text, p{  
  color:#FCEE11  
}
```

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 #FCEE11 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FCEE11
}
```

## Border

The CSS property to change the border of an element to Decimal 16576017 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
#FCEE11 }
```

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

```
.border{ border-color:#FCEE11 }
```

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

Here you see how a box with a 4 pixel #FCEE11 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FCEE11; -webkit-box-shadow:4px 4px  
4px 4px #FCEE11; box-shadow:4px 4px 4px  
4px #FCEE11 }
```

# Background

The CSS property to change the background color of an element to Decimal 16576017 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FCEE11 }
```

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

```
.background{ background-color:#FCEE11 }
```

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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