

# Converting Colors

Decimal(16711611)

Have a look what the booklet for  
Decimal(16711611) contains.

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# **Color**

**Decimal(16711611)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FEFFBB
RGB	254, 255, 187
RGB Percent	100%, 100%, 73%
CMY	0.0039, 0.0000, 0.2667
CMYK	0.00, 0.00, 0.27, 0.00
HSL	61°, 100%, 87%
HSV	61°, 27%, 100%
XYZ	85.6027, 96.1787, 61.0663
YIQ	246.9490, 21.2320, -21.3600

# Conversions

## Conversions Part 2

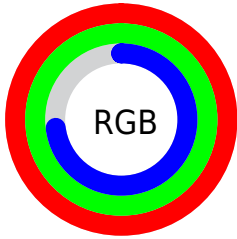
<b>Format</b>	<b>Color</b>
<b>RYB</b>	187, 255, 188
Decimal	16711611
CIELab	98.50, -10.69, 32.49
CIELCh	99, 34.199, 108.215
Yxy	96.1787, 0.3525, 0.3960
Android (android.graphics.Color)	4294901691 (0xFFFEFFBB)
YUV	246.9490, -29.5549, 6.1837
Hunter-Lab	98.0707, -15.8171, 31.7310

# Details

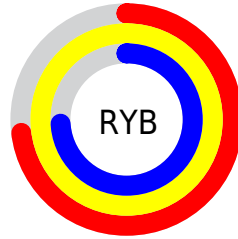
The Decimal color **16711611** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **12368895**, and the grayscale version is **16250871**.

A 20% lighter version of the original color is **16777204**, and **12961413** is the 20% darker color. If you saturate the color by 10%, you get **16711586**, and if you desaturate by 10%, it is **16711636**.

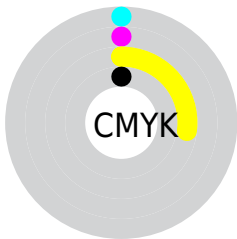
# Distribution



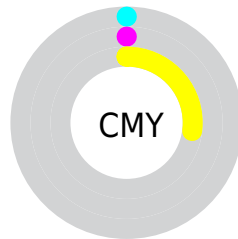
- Red (100%)
- Green (100%)
- Blue (73%)



- Red (73%)
- Yellow (100%)
- Blue (74%)



- Cyan (0%)
- Magenta (0%)
- Yellow (27%)
- Black (0%)



- Cyan (0%)
- Magenta (0%)
- Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 16711611 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 16711611 by changing the saturation by 10% instead.



 16711611


 16711611

16777215

 14803616

 16777204

 12961413

 11119468

 9343315

 7632699

 5922339

 4343563

 2830336

 1186816

■ 16711611

■ 16711611

■ 16711586

■ 16711636

■ 16646024

■ 16777198

■ 16645998

16777215

■ 16645973

■ 16580411

■ 16580386

■ 16514824

■ 16514816

# Harmonies

## Analogous

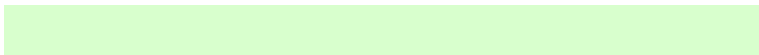
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



16774330



16711611



14221261

# Triad

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



16711611



10420223



16770303

# Complementary

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



16711611



12368895

# 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.



16772095



16711611



12648447

# Square

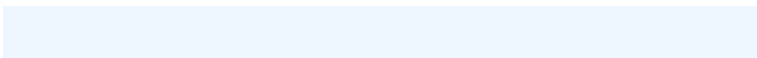
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



16711611



10158079



15661055



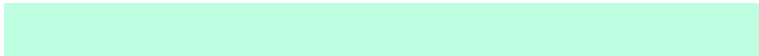
16770023

# Rectangle

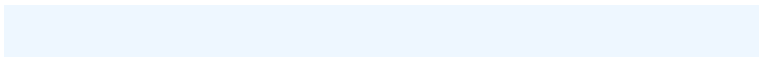
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



16711611



12582881



15661055



16770815



# Sweetspot

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



16711611



16777195



16759739



8355955



0



8421504



# Same Dimension

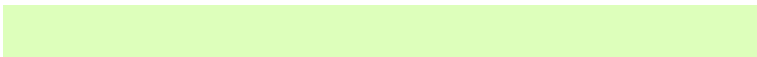
The Same Dimension uses a secret algorithm to generate beautiful new colors.



16711611



16711597



14548923



8355955



12369664



4145152



# Inverse Universe

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



12368895



11513343



14531583



7566208



196799

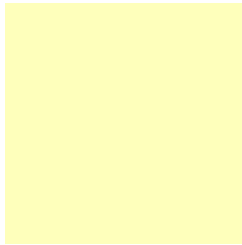


65600



# Previews

## White Background



This preview shows how the Decimal color 16711611 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 16711611 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 16711611 Background



This preview shows how black text looks on a background with the Decimal color 16711611.



This preview shows how white text looks on a background with the Decimal color 16711611.

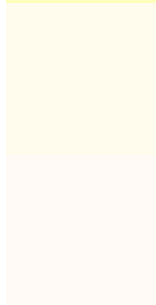
# Color Blindness Simulation

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**  
16711611

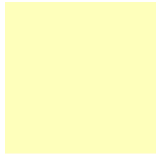


**Protanopia**  
16776173

**Deuteranopia**  
16775926

**Tritanopia**  
16775679

# Trichromacy



**Original Color**  
16711611



**Protanomaly**  
16776411

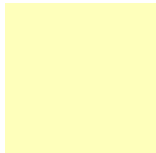


**Deuteranomaly**  
16776417

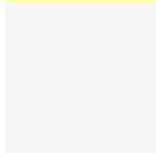


**Tritanomaly**  
16776166

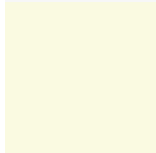
# Monochromacy



**Original Color**  
16711611



**Achromatopsia**  
16250871



**Achromatomaly**  
16448225

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 16711611 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 #FEFFBB looks like.

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

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 #FEFFBB colored shadow looks like.

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

## Border

The CSS property to change the border of an element to Decimal 16711611 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
#FEFFBB }
```

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

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

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

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

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

# Background

The CSS property to change the background color of an element to Decimal 16711611 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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

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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