

# Converting Colors

Decimal(16711666)

Have a look what the booklet for  
Decimal(16711666) contains.

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# **Color**

**Decimal(16711666)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FEFF2
RGB	254, 255, 242
RGB Percent	100%, 100%, 95%
CMY	0.0039, 0.0000, 0.0510
CMYK	0.00, 0.00, 0.05, 0.00
HSL	65°, 100%, 97%
HSV	65°, 5%, 100%
XYZ	92.6601, 99.0016, 98.2299
YIQ	253.2190, 3.5770, -4.2550

# Conversions

## Conversions Part 2

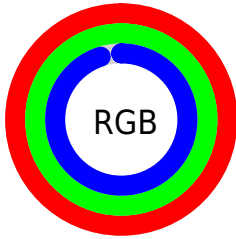
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	242, 255, 243
Decimal	16711666
CIE <sub>Lab</sub>	99.61, -2.55, 6.08
CIE <sub>LCh</sub>	100, 6.594, 112.766
Yxy	99.0016, 0.3196, 0.3415
Android (android.graphics.Color)	4294901746 (0xFFFEFF2)
YUV	253.2190, -5.5310, 0.6849
Hunter-Lab	99.4996, -7.8942, 11.1163

# Details

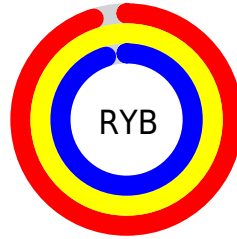
The Decimal color **16711666** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **15987455**, and the grayscale version is **16645629**.

A 20% lighter version of the original color is **16777215**, and **12961466** is the 20% darker color. If you saturate the color by 10%, you get **16580569**, and if you desaturate by 10%, it is **16777215**.

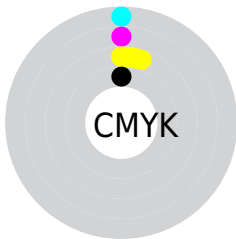
# Distribution



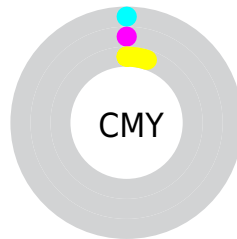
- Red (100%)
- Green (100%)
- Blue (95%)



- Red (95%)
- Yellow (100%)
- Blue (95%)



- Cyan (0%)
- Magenta (0%)
- Yellow (5%)
- Black (0%)



- Cyan (0%)
- Magenta (0%)
- Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 16711666 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 16711666 by changing the saturation by 10% instead.




 16711666

 16711666

16777215

 14803670

 12961466

 11185055

 9474437

 7763820

 6118995

 4605756

 3092519

 1776402

16711666

16711666

16580569

16777215

16449471

16318373

16187276

16056178

15925081

15793983

15662886

15531788

# Harmonies

## Analogous

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



16776689



16711666



16252918

# Triad

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



16711666



15794175



16775935

# Complementary

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



16711666



15987455

# 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.



16776191



16711666



16187391

# Square

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



16711666



15663103



16645631



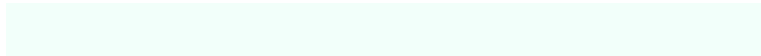
16775929

# Rectangle

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



16711666



15925242



16645631



16775935

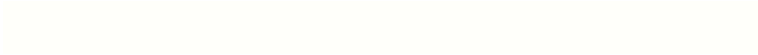


# Sweetspot

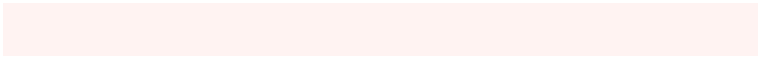
The Sweet Spot groups the original color and five complimentary colors.



16711666



16777210



16774130



8355965



0



8421504



# Same Dimension

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



16711666



16711664



16318450



8355959



11648768



3883008



# Inverse Universe

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



15987455



15855871



16380671



7829376



983231



327744



# Previews

## White Background



This preview shows how the Decimal color 16711666 looks on a white background.

## Color Contrast Check

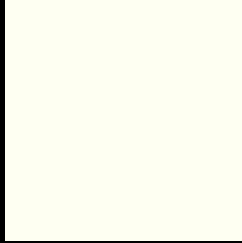
Large Text (above 18pt) WCAG AA × Fail

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 16711666 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

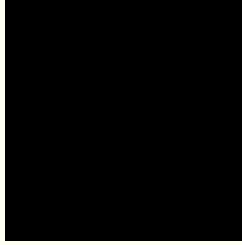
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 16711666 Background



This preview shows how black text looks on a background with the Decimal color 16711666.



This preview shows how white text looks on a background with the Decimal color 16711666.

# 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**  
16711666

**Protanopia**  
16776956

**Deuteranopia**  
16776958

**Tritanopia**  
16711423

# Trichromacy




**Original Color**  
16711666

**Protanomaly**  
16776952

**Deuteranomaly**  
16776954

**Tritanomaly**  
16711418

# Monochromacy



**Original Color**  
16711666



**Achromatopsia**  
16645629

**Achromatomaly**  
16645881

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 16711666 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 #FEFFF2 looks like.

```
.text, #text, p{  
    color:#FEFFF2  
}
```

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 #FEFFF2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FEFFF2  
}
```

## Border

The CSS property to change the border of an element to Decimal 16711666 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  
#FEFFF2 }
```

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

```
.border{ border-color:#FEFFF2 }
```

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

Here you see how a box with a 4 pixel #FEFFF2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FEFFF2; -webkit-box-shadow:4px 4px  
4px 4px #FEFFF2; box-shadow:4px 4px 4px  
4px #FEFFF2 }
```

# Background

The CSS property to change the background color of an element to Decimal 16711666 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FEFFF2 }
```

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

```
.background{ background-color:#FEFFF2 }
```

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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