

# Converting Colors

Decimal(16777177)

Have a look what the booklet for  
Decimal(16777177) contains.

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# **Color**

**Decimal(16777177)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFFFD9
RGB	255, 255, 217
RGB Percent	100%, 100%, 85%
CMY	0.0000, 0.0000, 0.1490
CMYK	0.00, 0.00, 0.15, 0.00
HSL	60°, 100%, 93%
HSV	60°, 15%, 100%
XYZ	89.5244, 97.7898, 79.8025
YIQ	250.6680, 12.1980, -11.8180

# Conversions

## Conversions Part 2

<b>Format</b>	<b>Color</b>
<b>RYB</b>	217, 255, 217
Decimal	16777177
CIELab	99.14, -6.17, 18.19
CIELCh	99, 19.210, 108.724
Yxy	97.7898, 0.3352, 0.3661
Android (android.graphics.Color)	4294967257 (0xFFFFFDD9)
YUV	250.6680, -16.5983, 3.7992
Hunter-Lab	98.8887, -11.4584, 21.3755

# Details

The Decimal color **16777177** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **14277119**, and the grayscale version is **16514043**.

A 20% lighter version of the original color is **16777215**, and **13026978** is the 20% darker color. If you saturate the color by 10%, you get **16777152**, and if you desaturate by 10%, it is **16777203**.

# Distribution



- Red (100%)
- Green (100%)
- Blue (85%)



- Red (85%)
- Yellow (100%)
- Blue (85%)



- Cyan (0%)
- Magenta (0%)
- Yellow (15%)
- Black (0%)



- Cyan (0%)
- Magenta (0%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 16777177 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 16777177 by changing the saturation by 10% instead.



 16777177

 16777177

16777215

 14869181

 13026978

 11250568


 9474414

 7763798

 6118974

 4540200

 3026963

 1710848

 16777177

 16777177

 16777152

 16777203

 16777126

16777215

 16777101

 16777075

 16777050

 16777024

 16776998

 16776973

 16776960

# Harmonies

## Analogous

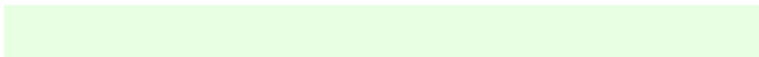
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



16775640



16777177



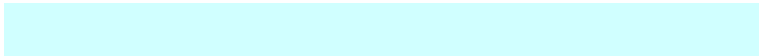
15335395

# Triad

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



16777177



13697023



16773375

# Complementary

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



16777177



14277119

# 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.



16774399



16777177



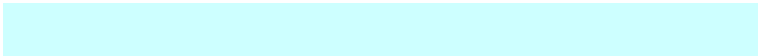
14745599

# Square

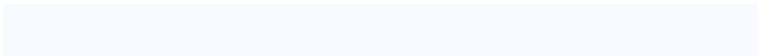
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



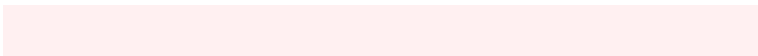
16777177



13500415



16251647



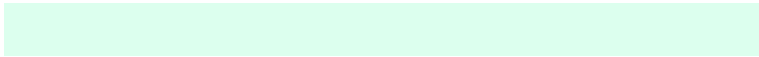
16773361

# Rectangle

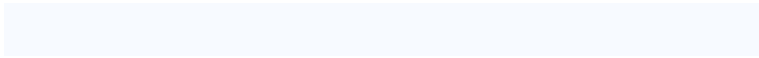
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



16777177



14483438



16251647



16773631



# Sweetspot

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



16777177



16777205



16767449



8421497



0



8421504



# Same Dimension

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



16777177



16777169



15531993



8421491



12566272



4210688



# Inverse Universe

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



14277119



13750783



15522303



7566208



191



64



# Previews

## White Background



This preview shows how the Decimal color 16777177 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 16777177 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

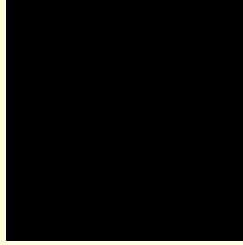
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 16777177 Background



This preview shows how black text looks on a background with the Decimal color 16777177.



This preview shows how white text looks on a background with the Decimal color 16777177.

# 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**  
16777177



**Protanopia**  
16776438

**Deuteranopia**  
16776443

**Tritanopia**  
16710911

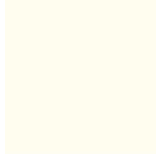
# Trichromacy



**Original Color**  
16777177



**Protanomaly**  
16776683

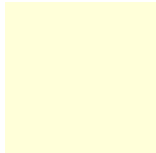


**Deuteranomaly**  
16776687

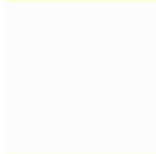


**Tritanomaly**  
16711153

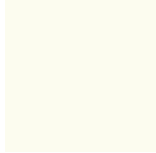
# Monochromacy



**Original Color**  
16777177



**Achromatopsia**  
16514043



**Achromatomaly**  
16579823

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 16777177 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 #FFFFD9 looks like.

```
.text, #text, p{  
    color:#FFFFD9  
}
```

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 #FFFFD9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFFFD9
}
```

## Border

The CSS property to change the border of an element to Decimal 16777177 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
#FFFFD9 }
```

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

```
.border{ border-color:#FFFFD9 }
```

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

Here you see how a box with a 4 pixel #FFFFD9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFFFD9; -webkit-box-shadow:4px 4px  
4px 4px #FFFFD9; box-shadow:4px 4px 4px  
4px #FFFFD9 }
```

# Background

The CSS property to change the background color of an element to Decimal 16777177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFFFD9 }
```

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

```
.background{ background-color:#FFFFD9 }
```

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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