

# Converting Colors

Decimal(16776664)

Have a look what the booklet for  
Decimal(16776664) contains.

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# **Color**

**Decimal(16776664)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFFDD8
RGB	255, 253, 216
RGB Percent	100%, 99%, 85%
CMY	0.0000, 0.0078, 0.1529
CMYK	0.00, 0.01, 0.15, 0.00
HSL	57°, 100%, 92%
HSV	57°, 15%, 100%
XYZ	88.7599, 96.4684, 78.9079
YIQ	249.3800, 13.0690, -11.0830

# Conversions

## Conversions Part 2

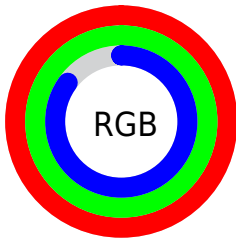
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	218, 255, 216
Decimal	16776664
CIE Lab	98.62, -5.32, 17.97
CIE LCh	99, 18.743, 106.491
Yxy	96.4684, 0.3360, 0.3652
Android (android.graphics.Color)	4294966744 (0xFFFFFDD8)
YUV	249.3800, -16.4563, 4.9287
Hunter-Lab	98.2183, -10.5716, 21.1197

# Details

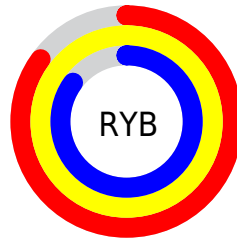
The Decimal color **16776664** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **14211839**, and the grayscale version is **16448250**.

A 20% lighter version of the original color is **16777215**, and **13026465** is the 20% darker color. If you saturate the color by 10%, you get **16776383**, and if you desaturate by 10%, it is **16776946**.

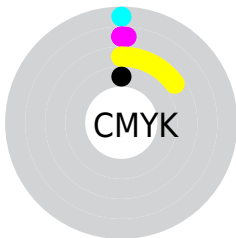
# Distribution



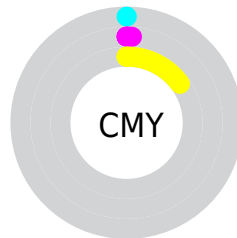
- Red (100%)
- Green (99%)
- Blue (85%)



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



- Cyan (0%)
- Magenta (1%)
- Yellow (15%)
- Black (0%)



- Cyan (0%)
- Magenta (1%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 16776664 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 16776664 by changing the saturation by 10% instead.



 16776664

 16776664

16777215

 14868668

 13026465

 11250055

 9473901

 7763285

 6118718

 4539687

 3026707

 1710592

 16776664

 16776664

 16776383

 16776946

 16775845

16777215

 16775564

 16775282

 16774745

 16774463

 16774181

 16773900

 16773632

# Harmonies

## Analogous

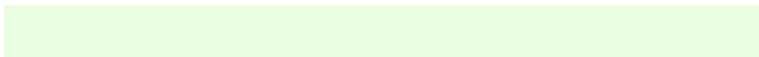
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



16775128



16776664



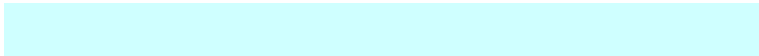
15400930

# Triad

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



16776664



13631487



16773119

# Complementary

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



16776664



14211839

# 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.



16774143



16776664



14614527

# Square

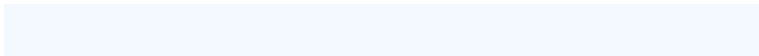
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



16776664



13500415



16054783



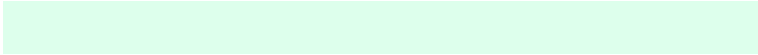
16773105

# Rectangle

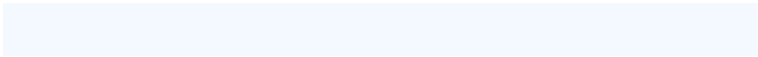
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



16776664



14548972



16054783



16773375



# Sweetspot

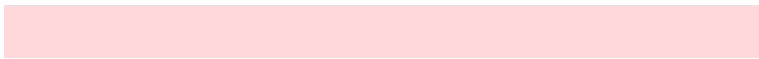
The Sweet Spot groups the original color and five complimentary colors.



16776664



16776946



16767195



8421240



0



8421504



# Same Dimension

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



16776664



16776657



15663064



8421235



12563712



4209664



# Inverse Universe

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



14211839



13751295



15325439



7566208



2751

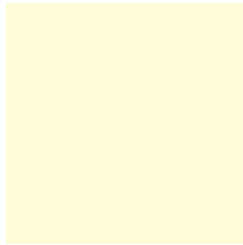


832



# Previews

## White Background



This preview shows how the Decimal color 16776664 looks on a white background.

## Color Contrast Check

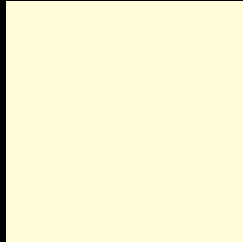
Large Text (above 18pt) WCAG AA × Fail

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 16776664 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

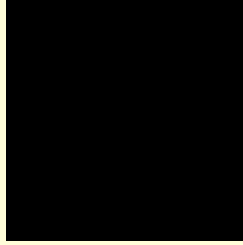
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 16776664 Background



This preview shows how black text looks on a background with the Decimal color 16776664.



This preview shows how white text looks on a background with the Decimal color 16776664.

# 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**  
16776664



**Protanopia**  
16776177

**Deuteranopia**  
16775928

**Tritanopia**  
16710399

# Trichromacy



**Original Color**  
16776664



**Protanomaly**  
16776424

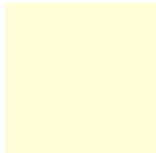


**Deuteranomaly**  
16776172

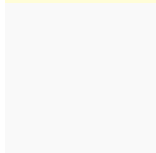


**Tritanomaly**  
16710641

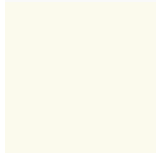
# Monochromacy



**Original Color**  
16776664



**Achromatopsia**  
16382457



**Achromatomaly**  
16513773

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 16776664 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 #FFFDD8 looks like.

```
.text, #text, p{  
    color:#FFFDD8  
}
```

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 #FFFDD8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFFDD8
}
```

## Border

The CSS property to change the border of an element to Decimal 16776664 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
#FFFDD8 }
```

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

```
.border{ border-color:#FFFDD8 }
```

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

Here you see how a box with a 4 pixel #FFFDD8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFFDD8; -webkit-box-shadow:4px 4px  
4px 4px #FFFDD8; box-shadow:4px 4px 4px  
4px #FFFDD8 }
```

# Background

The CSS property to change the background color of an element to Decimal 16776664 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFFDD8 }
```

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

```
.background{ background-color:#FFFDD8 }
```

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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