

# Converting Colors

Decimal(16776166)

Have a look what the booklet for  
Decimal(16776166) contains.

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# **Color**

**Decimal(16776166)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFFBE6
RGB	255, 251, 230
RGB Percent	100%, 98%, 90%
CMY	0.0000, 0.0157, 0.0980
CMYK	0.00, 0.02, 0.10, 0.00
HSL	50°, 100%, 95%
HSV	50°, 10%, 100%
XYZ	90.0201, 95.9675, 88.6419
YIQ	249.8020, 9.1250, -5.6830

# Conversions

## Conversions Part 2

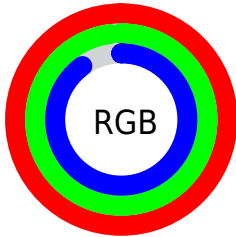
Format	Color
R <sub>Y</sub> B	235, 255, 230
Decimal	16776166
CIE Lab	98.42, -2.16, 10.53
CIE LCh	98, 10.746, 101.605
Yxy	95.9675, 0.3278, 0.3494
Android (android.graphics.Color)	4294966246 (0xFFFFFBE6)
YUV	249.8020, -9.7624, 4.5586
Hunter-Lab	97.9630, -7.4082, 14.9255

# Details

The Decimal color **16776166** is a light color, and the websafe version is hex FFFFFFF. A complement of this color would be **15133439**, and the grayscale version is **16448250**.

A 20% lighter version of the original color is **16777215**, and **13026222** is the 20% darker color. If you saturate the color by 10%, you get **16775117**, and if you desaturate by 10%, it is **16777215**.

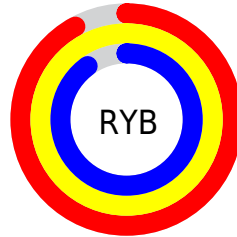
# Distribution



Red (100%)

Green (98%)

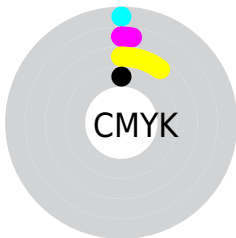
Blue (90%)



Red (92%)

Yellow (100%)

Blue (90%)

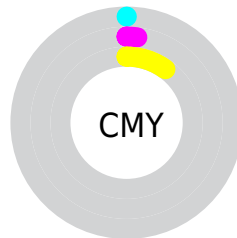


Cyan (0%)

Magenta (2%)

Yellow (10%)

Black (0%)



Cyan (0%)

Magenta (2%)

Yellow (10%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 16776166 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 16776166 by changing the saturation by 10% instead.



 16776166

 16776166

16777215

 14868170

 13026222

 11249556

 9473402

 7828321

 6183753

 4604979

 3091742

 1775877

 16776166

 16776166

 16775117

16777215

 16774067

 16773018

 16771968

 16770919

 16769869

 16768564

 16767514

 16766465

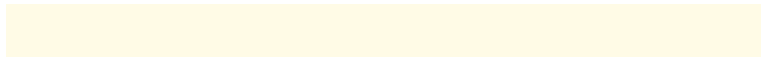
# Harmonies

## Analogous

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



16775399



16776166



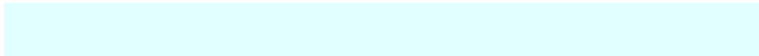
15990507

# Triad

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



16776166



14876671



16774399

# Complementary

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



16776166



15133439

# Split Complementary

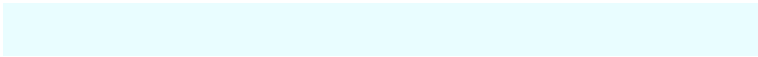
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



16775167



16776166



15334911

# Square

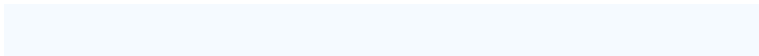
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



16776166



14876670



16120575



16774391

# Rectangle

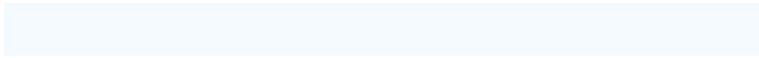
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



16776166



15466480



16120575



16774655

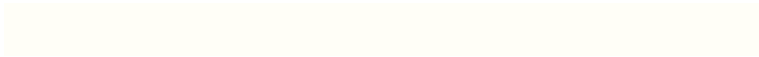


# Sweetspot

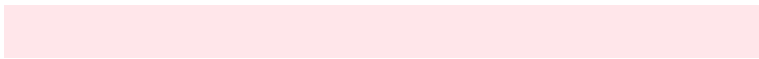
The Sweet Spot groups the original color and five complimentary colors.



16776166



16776951



16770794



8421242



0



8421504



# Same Dimension

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



16776166



16775904



16252902



8420723



12558592



4208128



# Inverse Universe

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



15133439



14738943



15656703



7566720



8127

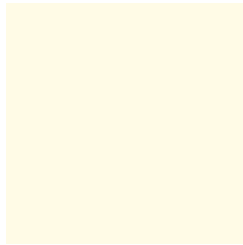


2624



# Previews

## White Background



This preview shows how the Decimal color 16776166 looks on a white background.

## Color Contrast Check

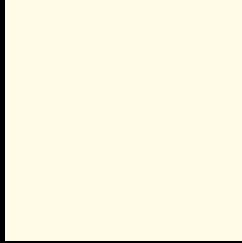
Large Text (above 18pt) WCAG AA × Fail

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 16776166 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

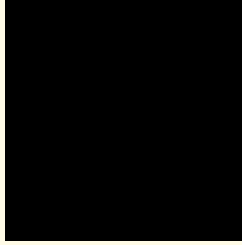
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 16776166 Background



This preview shows how black text looks on a background with the Decimal color 16776166.

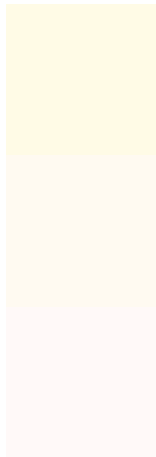


This preview shows how white text looks on a background with the Decimal color 16776166.

# 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**  
16776166

**Protanopia**  
16775921

**Deuteranopia**  
16775672



**Tritanopia**  
16644607

# Trichromacy



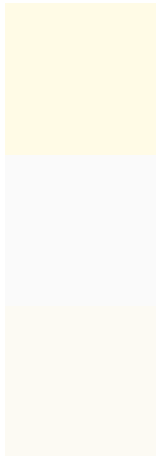
**Original Color**  
16776166

**Protanomaly**  
16775917

**Deuteranomaly**  
16775921

**Tritanomaly**  
16710390

# Monochromacy



**Original Color**  
16776166

**Achromatopsia**  
16448250

**Achromatomaly**  
16579315

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 16776166 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 #FFFBE6 looks like.

```
.text, #text, p{  
    color:#FFFBE6  
}
```

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 #FFFBE6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFFBE6
}
```

## Border

The CSS property to change the border of an element to Decimal 16776166 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
#FFFBE6 }
```

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

```
.border{ border-color:#FFFBE6 }
```

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

Here you see how a box with a 4 pixel #FFFBE6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFFBE6; -webkit-box-shadow:4px 4px  
4px 4px #FFFBE6; box-shadow:4px 4px 4px  
4px #FFFBE6 }
```

# Background

The CSS property to change the background color of an element to Decimal 16776166 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFFBE6 }
```

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

```
.background{ background-color:#FFFBE6 }
```

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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