

# Converting Colors

Decimal(16776432)

Have a look what the booklet for  
Decimal(16776432) contains.

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# **Color**

**Decimal(16776432)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFFCF0
RGB	255, 252, 240
RGB Percent	100%, 99%, 94%
CMY	0.0000, 0.0118, 0.0588
CMYK	0.00, 0.01, 0.06, 0.00
HSL	48°, 100%, 97%
HSV	48°, 6%, 100%
XYZ	91.7786, 97.1721, 96.3569
YIQ	251.5290, 5.6400, -3.0960

# Conversions

## Conversions Part 2

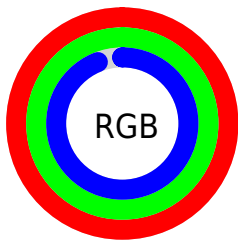
<b>Format</b>	<b>Color</b>
<b>RYB</b>	244, 255, 240
Decimal	16776432
CIELab	98.90, -1.04, 6.08
CIELCh	99, 6.169, 99.705
Yxy	97.1721, 0.3217, 0.3406
Android (android.graphics.Color)	4294966512 (0xFFFFFCF0)
YUV	251.5290, -5.6838, 3.0441
Hunter-Lab	98.5759, -6.3163, 11.0478

# Details

The Decimal color **16776432** is a light color, and the websafe version is hex FFFFFFF. A complement of this color would be **15791103**, and the grayscale version is **16579836**.

A 20% lighter version of the original color is **16777215**, and **13026232** is the 20% darker color. If you saturate the color by 10%, you get **16775127**, and if you desaturate by 10%, it is **16777215**.

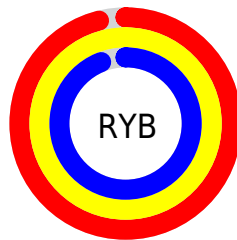
# Distribution



Red (100%)

Green (99%)

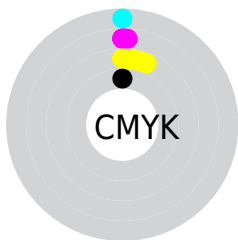
Blue (94%)



Red (96%)

Yellow (100%)

Blue (94%)

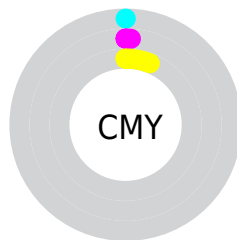


Cyan (0%)

Magenta (1%)

Yellow (6%)

Black (0%)



Cyan (0%)

Magenta (1%)

Yellow (6%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 16776432 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 16776432 by changing the saturation by 10% instead.



 16776432

 16776432

16777215

 14868436

 13026232

 11249821

 9473667

 7828586

 6184018

 4604987

 3157541

 1775888

16776432

16776432

16775127

16777215

16773821

16772515

16771210

16769905

16768343

16767037

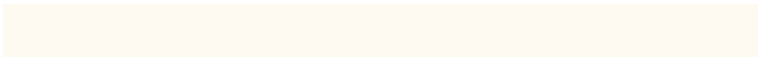
16765732

16764426

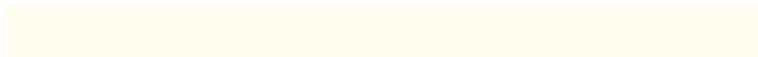
# Harmonies

## Analogous

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



16775921



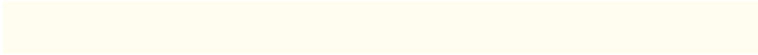
16776432



16318194

# Triad

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



16776432



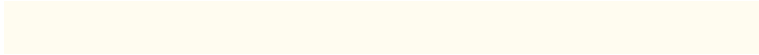
15663103



16775423

# Complementary

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



16776432



15791103

# Split Complementary

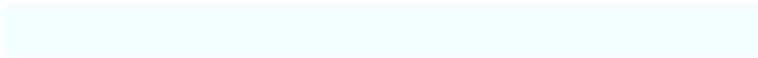
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



16775935



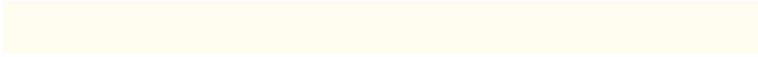
16776432



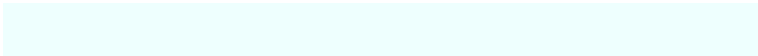
15924991

# Square

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



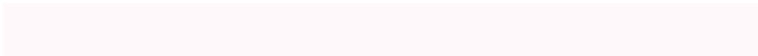
16776432



15663102



16317695



16775418

# Rectangle

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



16776432



16056310



16317695



16775679



# Sweetspot

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



16776432



16776954



16773363



8421245



0



8421504

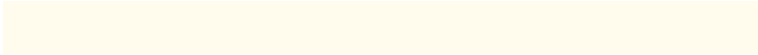


# Same Dimension

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



16776432



16776173



16515056



8420725



12556544



4207360



# Inverse Universe

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



15791103



15593983



16052479



7698304



9919

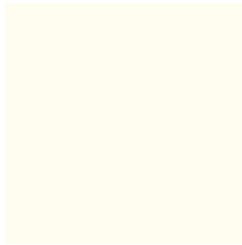


3392



# Previews

## White Background



This preview shows how the Decimal color 16776432 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 16776432 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

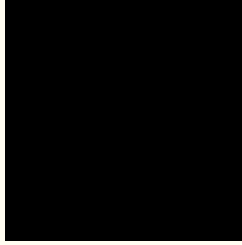
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 16776432 Background



This preview shows how black text looks on a background with the Decimal color 16776432.

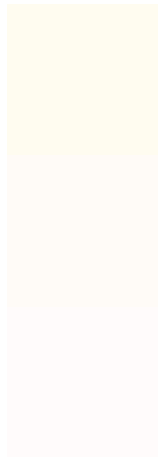


This preview shows how white text looks on a background with the Decimal color 16776432.

# 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

A vertical rectangular area divided into three horizontal sections. The top section is a solid yellow color. The middle section is a light orange color. The bottom section is a light pink color. To the right of each section is text describing the color and a hex code.

**Original Color**  
16776432

**Protanopia**  
16776183

**Deuteranopia**  
16776187

**Tritanopia**  
16645119

# Trichromacy

**Original Color**

16776432

**Protanomaly**

16776180

**Deuteranomaly**

16776183

**Tritanomaly**

16710650

# Monochromacy

**Original Color**

16776432

**Achromatopsia**

16579836

**Achromatomaly**

16645368

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 16776432 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 #FFFCF0 looks like.

```
.text, #text, p{  
    color:#FFFCF0  
}
```

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 #FFFCF0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFFCF0
}
```

## Border

The CSS property to change the border of an element to Decimal 16776432 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
#FFFCF0 }
```

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

```
.border{ border-color:#FFFCF0 }
```

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

Here you see how a box with a 4 pixel #FFFCF0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFFCF0; -webkit-box-shadow:4px 4px  
4px 4px #FFFCF0; box-shadow:4px 4px 4px  
4px #FFFCF0 }
```

# Background

The CSS property to change the background color of an element to Decimal 16776432 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFFCF0 }
```

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

```
.background{ background-color:#FFFCF0 }
```

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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