

# Converting Colors

Decimal(16776428)

Have a look what the booklet for  
Decimal(16776428) contains.

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# **Color**

**Decimal(16776428)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFFCEC
RGB	255, 252, 236
RGB Percent	100%, 99%, 93%
CMY	0.0000, 0.0118, 0.0745
CMYK	0.00, 0.01, 0.07, 0.00
HSL	51°, 100%, 96%
HSV	51°, 7%, 100%
XYZ	91.1907, 96.9369, 93.2613
YIQ	251.0730, 6.9240, -4.3400

# Conversions

## Conversions Part 2

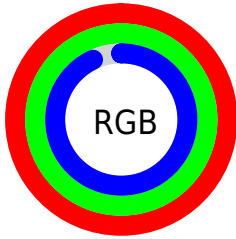
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	240, 255, 236
Decimal	16776428
CIE Lab	98.80, -1.70, 8.00
CIE LCh	99, 8.177, 101.981
Yxy	96.9369, 0.3241, 0.3445
Android (android.graphics.Color)	4294966508 (0xFFFFFCEC)
YUV	251.0730, -7.4310, 3.4440
Hunter-Lab	98.4566, -6.9718, 12.7581

# Details

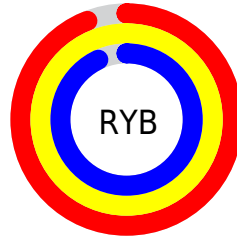
The Decimal color **16776428** is a light color, and the websafe version is hex FFFFFFF. A complement of this color would be **15527935**, and the grayscale version is **16514043**.

A 20% lighter version of the original color is **16777215**, and **13026228** is the 20% darker color. If you saturate the color by 10%, you get **16775379**, and if you desaturate by 10%, it is **16777215**.

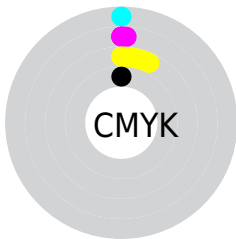
# Distribution



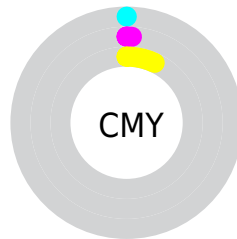
- Red (100%)
- Green (99%)
- Blue (93%)



- Red (94%)
- Yellow (100%)
- Blue (93%)



- Cyan (0%)
- Magenta (1%)
- Yellow (7%)
- Black (0%)



- Cyan (0%)
- Magenta (1%)
- Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 16776428 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 16776428 by changing the saturation by 10% instead.



 16776428

 16776428

16777215

 14868432

 13026228

 11249817

 9473663

 7828582

 6184014

 4604984

 3157538

 1775884

 16776428

 16776428

 16775379

16777215

 16774329

 16773280

 16772230

 16771181

 16770131

 16769081

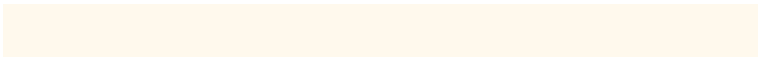
 16768032

 16766983

# Harmonies

## Analogous

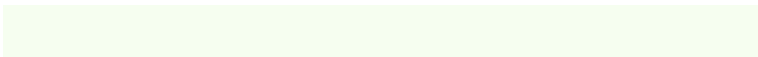
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



16775661



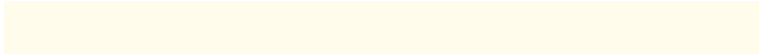
16776428



16187120

# Triad

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



16776428



15335423



16775167

# Complementary

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



16776428



15527935

# Split Complementary

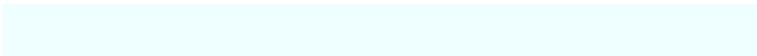
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



16775679



16776428



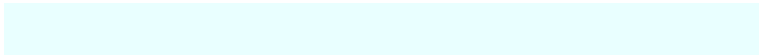
15728383

# Square

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



16776428



15335423



16251903



16774905

# Rectangle

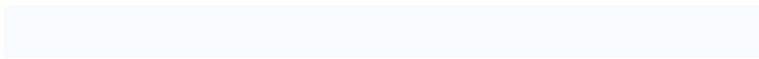
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



16776428



15794164



16251903



16775167



# Sweetspot

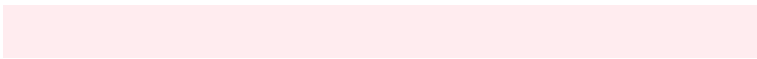
The Sweet Spot groups the original color and five complimentary colors.



16776428



16776954



16772335



8421245



0

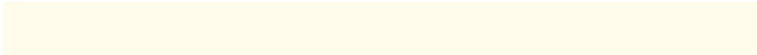


8421504



# Same Dimension

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



16776428



16776168



16383980



8420723



12558592



4208128



# Inverse Universe

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



15527935



15265023



15920383



7566720



7871

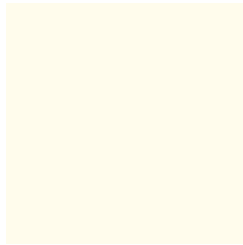


2624



# Previews

## White Background



This preview shows how the Decimal color 16776428 looks on a white background.

## Color Contrast Check

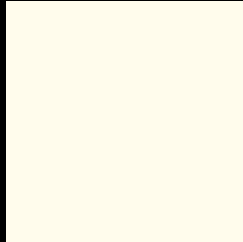
Large Text (above 18pt) WCAG AA × Fail

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 16776428 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

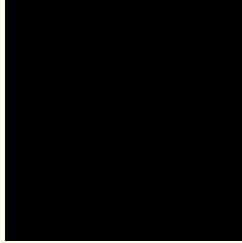
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 16776428 Background



This preview shows how black text looks on a background with the Decimal color 16776428.



This preview shows how white text looks on a background with the Decimal color 16776428.

# 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**  
16776428

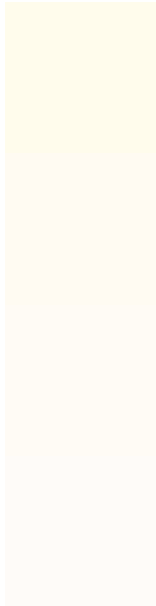


**Protanopia**  
16776181

**Deuteranopia**  
16776186

**Tritanopia**  
16645119

# Trichromacy



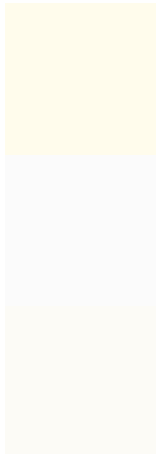
**Original Color**  
16776428

**Protanomaly**  
16776178

**Deuteranomaly**  
16776181

**Tritanomaly**  
16710648

# Monochromacy



**Original Color**  
16776428

**Achromatopsia**  
16514043

**Achromatomaly**  
16579574

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 16776428 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 #FFFCEC looks like.

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

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 #FFFCEC colored shadow looks like.

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

## Border

The CSS property to change the border of an element to Decimal 16776428 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
#FFFCEC }
```

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

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

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

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

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

# Background

The CSS property to change the background color of an element to Decimal 16776428 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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

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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