

# Converting Colors

Decimal(16776604)

Have a look what the booklet for  
Decimal(16776604) contains.

<b>Decimal(16776604)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Decimal(16776604)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFFD9C
RGB	255, 253, 156
RGB Percent	100%, 99%, 61%
CMY	0.0000, 0.0078, 0.3882
CMYK	0.00, 0.01, 0.39, 0.00
HSL	59°, 100%, 81%
HSV	59°, 39%, 100%
XYZ	82.3660, 93.9109, 45.2379
YIQ	242.5400, 32.3290, -29.7430

# Conversions

## Conversions Part 2

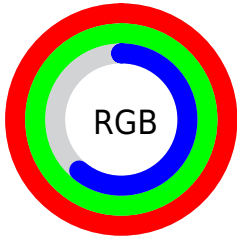
Format	Color
<a href="#">RYB</a>	<a href="#">158, 255, 156</a>
Decimal	<a href="#">16776604</a>
CIELab	<a href="#">97.60, -12.94, 46.62</a>
CIELCh	<a href="#">98, 48.382, 105.518</a>
Yxy	<a href="#">93.9109, 0.3718, 0.4239</a>
Android (android.graphics.Color)	<a href="#">4294966684 (0xFFFFFD9C)</a>
YUV	<a href="#">242.5400, -42.6642, 10.9274</a>
Hunter-Lab	<a href="#">96.9076, -17.8734, 40.1579</a>

# Details

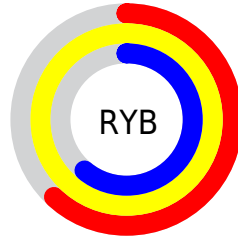
The Decimal color **16776604** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **10264319**, and the grayscale version is **15987699**.

A 20% lighter version of the original color is **16777172**, and **12961127** is the 20% darker color. If you saturate the color by 10%, you get **16776323**, and if you desaturate by 10%, it is **16776886**.

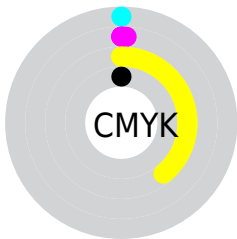
# Distribution



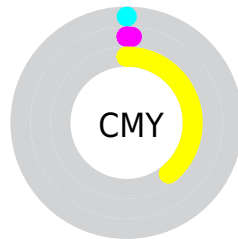
- Red (100%)
- Green (99%)
- Blue (61%)



- Red (62%)
- Yellow (100%)
- Blue (61%)



- Cyan (0%)
- Magenta (1%)
- Yellow (39%)
- Black (0%)



- Cyan (0%)
- Magenta (1%)
- Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 16776604 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 16776604 by changing the saturation by 10% instead.



 16776604

 16776604


16777215

 14868609

 16777172

 12961127

 16777200

 11118925

 9277236

 7501081

 5790976

 4146432

 2502400

 596736

 16776604

 16776604

 16776323

 16776886

 16776297

 16776911

 16776016

 16777193

 16775990

16777215

 16775709

 16775683

 16775680

# Harmonies

## Analogous

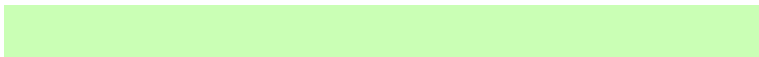
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



16772509



16776604



13303733

# Triad

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



16776604



4587519



16766719

# Complementary

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



16776604



10264319

# 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.



16770047



16776604



9371647

# Square

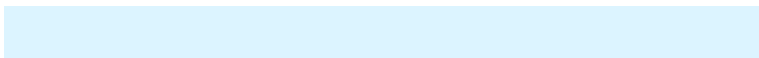
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



16776604



5308415



14480639



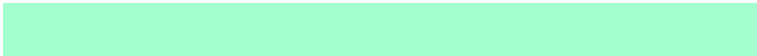
16766177

# Rectangle

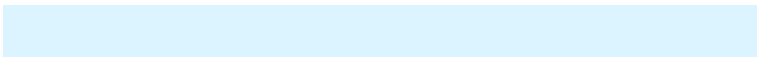
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



16776604



10747856



14480639

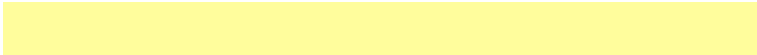


16767743



# Sweetspot

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



16776604



16776928



16751775



8421230



0



8421504



# Same Dimension

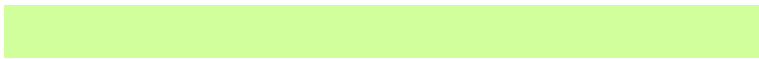
The Same Dimension uses a secret algorithm to generate beautiful new colors.



16776604



16776583



13762460



8421235



12565248



4210176



# Inverse Universe

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



10264319



8882943



13278463



7566208



1215

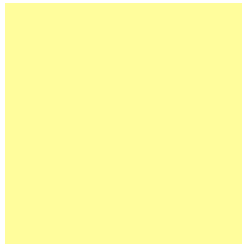


320



# Previews

## White Background



This preview shows how the Decimal color 16776604 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 16776604 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

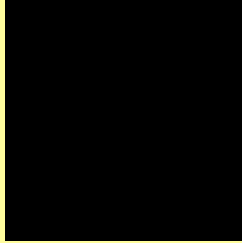
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 16776604 Background



This preview shows how black text looks on a background with the Decimal color 16776604.



This preview shows how white text looks on a background with the Decimal color 16776604.

# 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

	<b>Original Color</b> 16776604
	<b>Protanopia</b> 16775393
	<b>Deuteranopia</b> 16775151

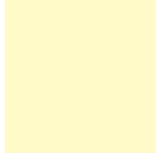


**Tritanopia**  
16774652

# Trichromacy



**Original Color**  
16776604



**Protanomaly**  
16775880

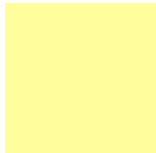


**Deuteranomaly**  
16775633

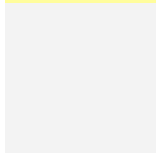


**Tritanomaly**  
16775385

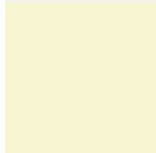
# Monochromacy



**Original Color**  
16776604



**Achromatopsia**  
15987699



**Achromatomaly**  
16250835

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 16776604 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 #FFFD9C looks like.

```
.text, #text, p{  
    color:#FFFD9C  
}
```

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 #FFFD9C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFFD9C
}
```

## Border

The CSS property to change the border of an element to Decimal 16776604 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
#FFFD9C }
```

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

```
.border{ border-color:#FFFD9C }
```

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

Here you see how a box with a 4 pixel #FFFD9C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFFD9C; -webkit-box-shadow:4px 4px  
4px 4px #FFFD9C; box-shadow:4px 4px 4px  
4px #FFFD9C }
```

# Background

The CSS property to change the background color of an element to Decimal 16776604 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFFD9C }
```

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

```
.background{ background-color:#FFFD9C }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor