

Converting Colors

Decimal(16776964)

Have a look what the booklet for
Decimal(16776964) contains.

Decimal(16776964)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(16776964)

Conversions

Conversions Part 1

Format	Color
Hex	FFFF04
RGB	255, 255, 4
RGB Percent	100%, 100%, 2%
CMY	0.0000, 0.0000, 0.9843
CMYK	0.00, 0.00, 0.98, 0.00
HSL	60°, 100%, 51%
HSV	60°, 98%, 100%
XYZ	77.0219, 92.7888, 13.9654
YIQ	226.3860, 80.5710, -78.0610

Conversions

Conversions Part 2

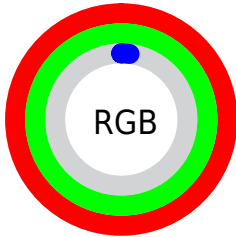
Format	Color
R _Y B	4, 255, 4
Decimal	16776964
CIE Lab	97.14, -21.53, 94.21
CIE LCh	97, 96.638, 102.871
Yxy	92.7888, 0.4191, 0.5049
Android (android.graphics.Color)	4294967044 (0xFFFFFFFF04)
YUV	226.3860, -109.6363, 25.0945
Hunter-Lab	96.3269, -25.8455, 58.8330

Details

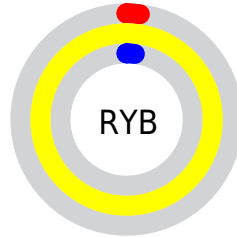
The Decimal color **16776964** is a light color, and the websafe version is hex **FFFF00**. The color can be described as light saturated yellow. A complement of this color would be **263423**, and the grayscale version is **14935011**.

A 20% lighter version of the original color is **16777057**, and **12699392** is the 20% darker color. If you saturate the color by 10%, you get **16776960**, and if you desaturate by 10%, it is **16776989**.

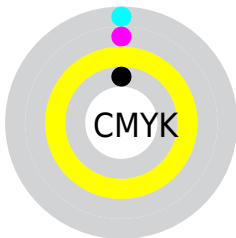
Distribution



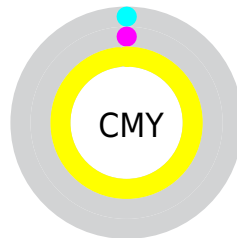
- Red (100%)
- Green (100%)
- Blue (2%)



- Red (2%)
- Yellow (100%)
- Blue (2%)



- Cyan (0%)
- Magenta (0%)
- Yellow (98%)
- Black (0%)




















- Cyan (0%)
- Magenta (0%)
- Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 16776964 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 16776964 by changing the saturation by 10% instead.

 16776964	 16776964
16777215	 14737920
 16777057	 12699392
 16777088	 10726144
 16777119	 8818944
 16777149	 6912000
 16777179	 5005056
 16777210	 3229440
	 1454336
	 7680

■ 16776964

■ 16776964

■ 16776960

■ 16776989

■ 16777015

■ 16777041

■ 16777066

■ 16777092

■ 16777117

■ 16777142

■ 16777168

■ 16777194

Harmonies

Analogous

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



16768556



16776964



9764705

Triad

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



16776964



65535



16753663

Complementary

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



16776964



263423

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.



16763903



16776964



65535

Square

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



16776964



65535



7861503



16751058

Rectangle

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



16776964



65436



7861503



16756735

Sweetspot

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



16776964



16777139



16712708



8421458



0



8421504

Same Dimension

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



16776964



16776960



8584964



8421491



12566272



4210688

Inverse Universe

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



263423



255



8520959



7566208



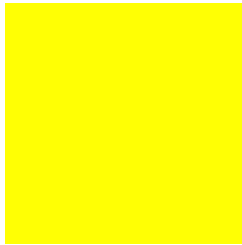
191



64

Previews

White Background



This preview shows how the Decimal color 16776964 looks on a white background.

Color Contrast Check

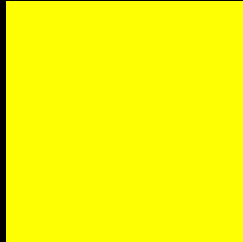
Large Text (above 18pt) WCAG AA × Fail

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 16776964 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 16776964 Background



This preview shows how black text looks on a background with the Decimal color 16776964.

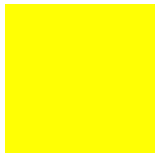


This preview shows how white text looks on a background with the Decimal color 16776964.

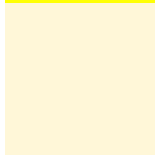
Color Blindness Simulation

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](#).

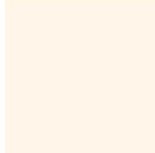
Dichromacy



Original Color
16776964



Protanopia
16775128

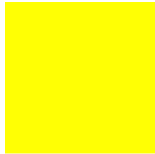


Deuteranopia
16774633

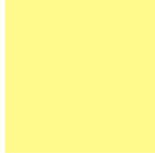


Tritanopia
16774393

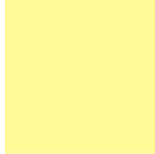
Trichromacy



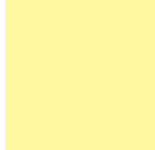
Original Color
16776964



Protanomaly
16775819

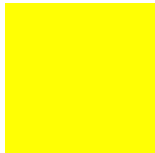


Deuteranomaly
16775574

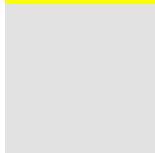


Tritanomaly
16775328

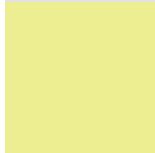
Monochromacy



Original Color
16776964



Achromatopsia
14869218



Achromatomaly
15592849

CSS Examples

Text

The CSS property to change the color of the text to Decimal 16776964 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 #FFFF04 looks like.

```
.text, #text, p{  
    color:#FFFF04  
}
```

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 #FFFF04 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFFF04
}
```

Border

The CSS property to change the border of an element to Decimal 16776964 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
#FFFF04 }
```

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

```
.border{ border-color:#FFFF04 }
```

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

Here you see how a box with a 4 pixel #FFFF04 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFFF04; -webkit-box-shadow:4px 4px  
4px 4px #FFFF04; box-shadow:4px 4px 4px  
4px #FFFF04 }
```

Background

The CSS property to change the background color of an element to Decimal 16776964 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFFF04 }
```

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

```
.background{ background-color:#FFFF04 }
```

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