

Converting Colors

Decimal(16776745)

Have a look what the booklet for
Decimal(16776745) contains.

Decimal(16776745)	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(16776745)

Conversions

Conversions Part 1

Format	Color
Hex	FFFE29
RGB	255, 254, 41
RGB Percent	100%, 100%, 16%
CMY	0.0000, 0.0039, 0.8392
CMYK	0.00, 0.00, 0.84, 0.00
HSL	60°, 100%, 58%
HSV	60°, 84%, 100%
XYZ	77.0820, 92.3037, 15.8516
YIQ	230.0170, 68.9690, -66.0310

Conversions

Conversions Part 2

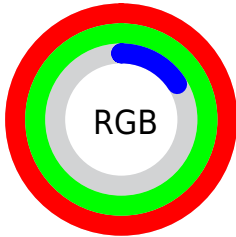
Format	Color
R_{YB}	42, 255, 41
Decimal	16776745
CIE Lab	96.94, -20.55, 89.52
CIE LCh	97, 91.849, 102.932
Yxy	92.3037, 0.4161, 0.4983
Android (android.graphics.Color)	4294966825 (0xFFFFFE29)
YUV	230.0170, -93.1854, 21.9101
Hunter-Lab	96.0748, -24.9181, 57.4700

Details

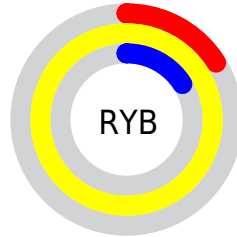
The Decimal color **16776745** is a light color, and the websafe version is hex **FFFF33**. The color can be described as light washed yellow. A complement of this color would be **2697983**, and the grayscale version is **15198183**.

A 20% lighter version of the original color is **16777070**, and **12764672** is the 20% darker color. If you saturate the color by 10%, you get **16776720**, and if you desaturate by 10%, it is **16776770**.

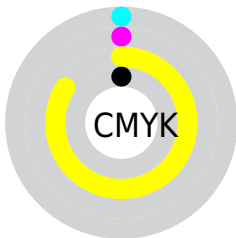
Distribution



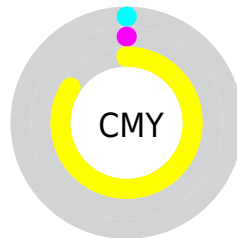
- Red (100%)
- Green (100%)
- Blue (16%)



- Red (16%)
- Yellow (100%)
- Blue (16%)



- Cyan (0%)
- Magenta (0%)
- Yellow (84%)
- Black (0%)



















- Cyan (0%)
- Magenta (0%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 16776745 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 16776745 by changing the saturation by 10% instead.

 16776745	 16776745
16777215	 14737664
 16777070	 12764672
 16777100	 10791680
 16777130	 8818688
 16777160	 6977280
 16777190	 5070336
	 3294976
	 1585152
	 7424

■ 16776745

■ 16776745

■ 16776720

■ 16776770

■ 16776704

■ 16776796

■ 16776822

■ 16776847

■ 16777129

■ 16777154

■ 16777180

■ 16777205

16777215

Harmonies

Analogous

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



16768828



16776745



10157929

Triad

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



16776745



65535



16755199

Complementary

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



16776745



2697983

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.



16764415



16776745



65535

Square

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



16776745



65535



8909823



16752851

Rectangle

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



16776745



65441



8909823



16757759

Sweetspot

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



16776745



16777151



16722221



8421209



0



8421504

Same Dimension

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



16776745



16776704



10026793



8421235



12566016



4210432

Inverse Universe

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



2697983



511



9447935



7566208



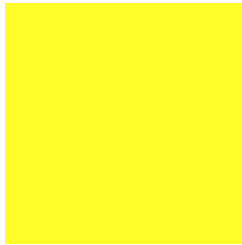
447



64

Previews

White Background



This preview shows how the Decimal color 16776745 looks on a white background.

Color Contrast Check

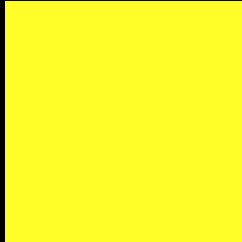
Large Text (above 18pt) WCAG AA × Fail

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 16776745 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 16776745 Background



This preview shows how black text looks on a background with the Decimal color 16776745.



This preview shows how white text looks on a background with the Decimal color 16776745.

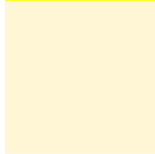
Color Blindness Simulation

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](#).

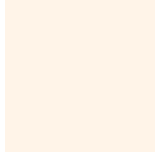
Dichromacy



Original Color
16776745



Protanopia
16774869



Deuteranopia
16774376

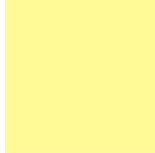


Tritanopia
16774137

Trichromacy



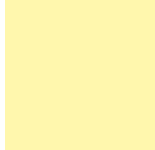
Original Color
16776745



Protanomaly
16775574

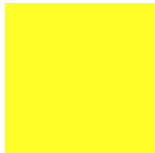


Deuteranomaly
16775331

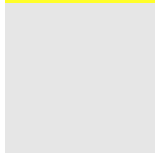


Tritanomaly
16775085

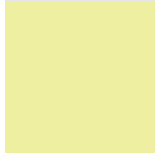
Monochromacy



Original Color
16776745



Achromatopsia
15132390



Achromatomaly
15724449

CSS Examples

Text

The CSS property to change the color of the text to Decimal 16776745 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 #FFFE29 looks like.

```
.text, #text, p{  
    color:#FFFE29  
}
```

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 #FFFE29 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFFE29
}
```

Border

The CSS property to change the border of an element to Decimal 16776745 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
#FFFE29 }
```

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

```
.border{ border-color:#FFFE29 }
```

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

Here you see how a box with a 4 pixel #FFFE29 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFFE29; -webkit-box-shadow:4px 4px  
4px 4px #FFFE29; box-shadow:4px 4px 4px  
4px #FFFE29 }
```

Background

The CSS property to change the background color of an element to Decimal 16776745 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFFE29 }
```

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

```
.background{ background-color:#FFFE29 }
```

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