

# Converting Colors

Decimal(16436992)

Have a look what the booklet for  
Decimal(16436992) contains.

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# **Color**

**Decimal(16436992)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FACF00
RGB	250, 207, 0
RGB Percent	98%, 81%, 0%
CMY	0.0196, 0.1882, 1.0000
CMYK	0.00, 0.17, 1.00, 0.02
HSL	50°, 100%, 49%
HSV	50°, 100%, 98%
XYZ	61.7372, 64.9496, 9.2826
YIQ	196.2590, 92.0750, -55.2610

# Conversions

## Conversions Part 2

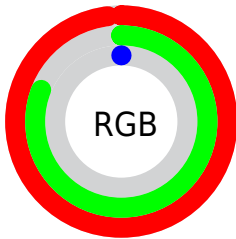
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	52, 250, 0
Decimal	16436992
CIE Lab	84.46, 0.01, 85.18
CIE LCh	84, 85.179, 89.993
Yxy	64.9496, 0.4541, 0.4777
Android (android.graphics.Color)	4294627072 (0xFFFACF00)
YUV	196.2590, -96.7557, 47.1309
Hunter-Lab	80.5913, -4.2945, 49.5848

# Details

The Decimal color **16436992** is a light color, and the websafe version is hex **FFCC00**. The color can be described as light saturated yellow. A complement of this color would be **11258**, and the grayscale version is **12961221**.

A 20% lighter version of the original color is **16777047**, and **12359936** is the 20% darker color. If you saturate the color by 10%, you get **16436992**, and if you desaturate by 10%, it is **16438041**.

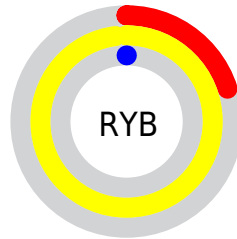
# Distribution



Red (98%)

Green (81%)

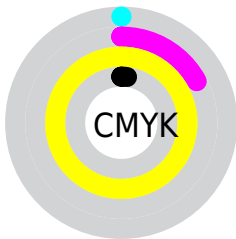
Blue (0%)



Red (20%)

Yellow (98%)

Blue (0%)

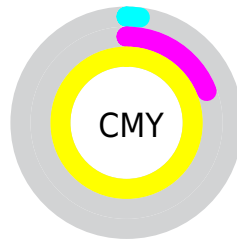


Cyan (0%)

Magenta (17%)

Yellow (100%)

Black (2%)



Cyan (2%)

Magenta (19%)


















Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 16436992 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 16436992 by changing the saturation by 10% instead.



 16436992	 16436992
16777215	 14398464
 16777047	 12359936
 16777077	 10387456
 16777106	 8480512
 16777135	 6573824
 16777165	 4733184
 16777195	 3089408
	 1380096
	 0

 16436992

 16438041

 16439346

 16440395

 16441444

 16442749

 16443798

 16444847

 16445896

 16447201

# Harmonies

## Analogous

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



16756546



16436992



11199796

# Triad

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



16436992



63487



16751103

# Complementary

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



16436992



11258

# 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.



13680127



16436992



61439

# Square

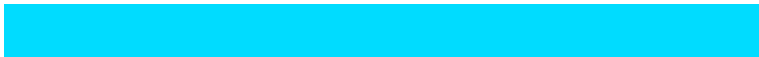
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



16436992



63696



56575



16745174

# Rectangle

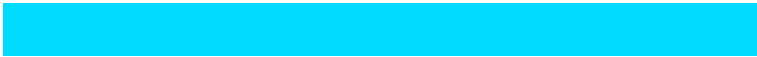
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



16436992



6287204



56575



16754175



# Sweetspot

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



16436992



16773811



16384046



8419410



0



8421504



# Same Dimension

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



16436992



16765696



11270656



8223600



12426240



4010752



# Inverse Universe

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



11258



11519



5177594



7369597



8381



2877



# Previews

## White Background



This preview shows how the Decimal color 16436992 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 16436992 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 16436992 Background



This preview shows how black text looks on a background with the Decimal color 16436992.



This preview shows how white text looks on a background with the Decimal color 16436992.

# 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**  
16436992

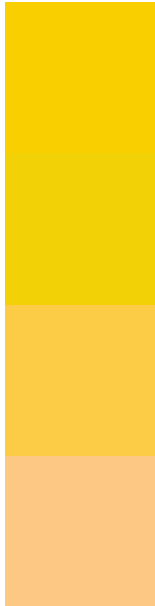
**Protanopia**  
15651849

**Deuteranopia**  
16763758



**Tritanopia**  
16761808

# Trichromacy



**Original Color**  
16436992

**Protanomaly**  
15913478

**Deuteranomaly**  
16632902

**Tritanomaly**  
16631684

# Monochromacy



**Original Color**  
16436992

**Achromatopsia**  
12895428

**Achromatomaly**  
14207101

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 16436992 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 #FACF00 looks like.

```
.text, #text, p{  
    color:#FACF00  
}
```

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 #FACF00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FACF00
}
```

## Border

The CSS property to change the border of an element to Decimal 16436992 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
#FACF00 }
```

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

```
.border{ border-color:#FACF00 }
```

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

Here you see how a box with a 4 pixel #FACF00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FACF00; -webkit-box-shadow:4px 4px  
4px 4px #FACF00; box-shadow:4px 4px 4px  
4px #FACF00 }
```

# Background

The CSS property to change the background color of an element to Decimal 16436992 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FACF00 }
```

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

```
.background{ background-color:#FACF00 }
```

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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