

# Converting Colors

Decimal(16438784)

Have a look what the booklet for  
Decimal(16438784) contains.

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# **Color**

**Decimal(16438784)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FAD600
RGB	250, 214, 0
RGB Percent	98%, 84%, 0%
CMY	0.0196, 0.1608, 1.0000
CMYK	0.00, 0.14, 1.00, 0.02
HSL	51°, 100%, 49%
HSV	51°, 100%, 98%
XYZ	63.4709, 68.4171, 9.8606
YIQ	200.3680, 90.1500, -58.9220

# Conversions

## Conversions Part 2

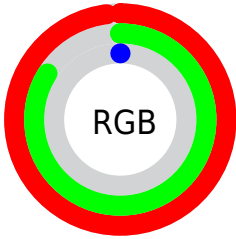
Format	Color
<a href="#">RYB</a>	<a href="#">42, 250, 0</a>
Decimal	<a href="#">16438784</a>
CIELab	<a href="#">86.21, -3.55, 86.42</a>
CIElCh	<a href="#">86, 86.491, 92.350</a>
Yxy	<a href="#">68.4171, 0.4478, 0.4827</a>
Android (android.graphics.Color)	<a href="#">4294628864 (0xFFFA600)</a>
YUV	<a href="#">200.3680, -98.7814, 43.5273</a>
Hunter-Lab	<a href="#">82.7146, -7.7790, 50.8322</a>

# Details

The Decimal color **16438784** 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 **9466**, and the grayscale version is **13224393**.

A 20% lighter version of the original color is **16777048**, and **12361728** is the 20% darker color. If you saturate the color by 10%, you get **16438784**, and if you desaturate by 10%, it is **16439833**.

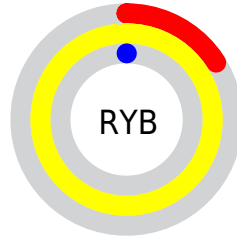
# Distribution



Red (98%)

Green (84%)

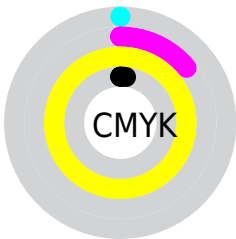
Blue (0%)



Red (16%)

Yellow (98%)

Blue (0%)

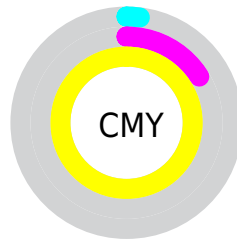


Cyan (0%)

Magenta (14%)

Yellow (100%)

Black (2%)



Cyan (2%)

Magenta (16%)



















Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 16438784 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 16438784 by changing the saturation by 10% instead.



 16438784	 16438784
 16777215	 14400256
 16777048	 12361728
 16777078	 10388992
 16777108	 8482048
 16777137	 6575360
 16777167	 4800000
 16777197	 3090688
	 1447168
	 0

 16438784

 16439833

 16440626

 16441675

 16442468

 16443517

 16444566

 16445359

 16446408

 16447201

# Harmonies

## Analogous

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



16758335



16438784



11004987

# Triad

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



16438784



65023



16751359

# Complementary

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



16438784



9466

# 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.



14663679



16438784



62719

# Square

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



16438784



65244



57343



16745941

# Rectangle

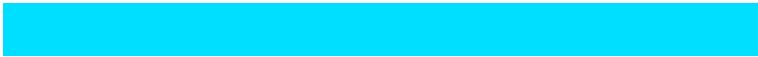
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



16438784



5633389



57343



16754431



# Sweetspot

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



16438784



16774323



16384038



8419666



0



8421504



# Same Dimension

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



16438784



16767488



10680832



8223600



12427776



4011008



# Inverse Universe

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



9466



9727



5701882



7369341



7101



2365



# Previews

## White Background



This preview shows how the Decimal color 16438784 looks on a white background.

## Color Contrast Check

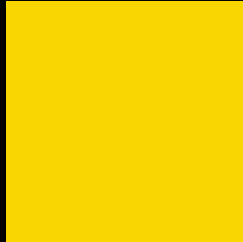
Large Text (above 18pt) WCAG AA × Fail

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 16438784 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 16438784 Background



This preview shows how black text looks on a background with the Decimal color 16438784.



This preview shows how white text looks on a background with the Decimal color 16438784.

# 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**  
16438784

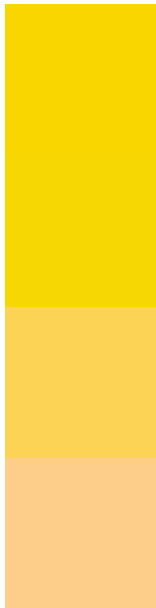
**Protanopia**  
16046087

**Deuteranopia**  
16765317



**Tritanopia**  
16763607

# Trichromacy



**Original Color**  
16438784

**Protanomaly**  
16176900

**Deuteranomaly**  
16634709

**Tritanomaly**  
16633481

# Monochromacy



**Original Color**  
16438784

**Achromatopsia**  
13158600

**Achromatomaly**  
14339455

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 16438784 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 #FAD600 looks like.

```
.text, #text, p{  
    color:#FAD600  
}
```

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 #FAD600 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FAD600
}
```

## Border

The CSS property to change the border of an element to Decimal 16438784 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
#FAD600 }
```

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

```
.border{ border-color:#FAD600 }
```

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

Here you see how a box with a 4 pixel #FAD600 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FAD600; -webkit-box-shadow:4px 4px  
4px 4px #FAD600; box-shadow:4px 4px 4px  
4px #FAD600 }
```

# Background

The CSS property to change the background color of an element to Decimal 16438784 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FAD600 }
```

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

```
.background{ background-color:#FAD600 }
```

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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