

# Converting Colors

Decimal(16431904)

Have a look what the booklet for  
Decimal(16431904) contains.

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# **Color**

**Decimal(16431904)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FABB20
RGB	250, 187, 32
RGB Percent	98%, 73%, 13%
CMY	0.0196, 0.2667, 0.8745
CMYK	0.00, 0.25, 0.87, 0.02
HSL	43°, 96%, 55%
HSV	43°, 87%, 98%
XYZ	57.4554, 55.9689, 9.1414
YIQ	188.1670, 87.3030, -34.8490

# Conversions

## Conversions Part 2

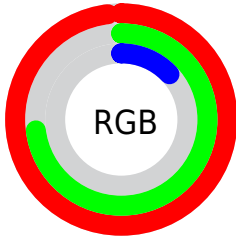
<b>Format</b>	<b>Color</b>
<b>RYB</b>	121, 250, 32
Decimal	16431904
CIELab	79.60, 10.71, 77.25
CIELCh	80, 77.985, 82.103
Yxy	55.9689, 0.4688, 0.4566
Android (android.graphics.Color)	4294621984 (0xFFFABB20)
YUV	188.1670, -76.9903, 54.2275
Hunter-Lab	74.8124, 6.1651, 45.1240

# Details

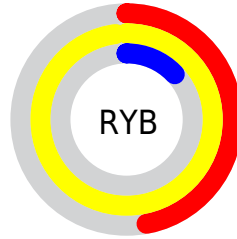
The Decimal color **16431904** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light washed orange. A complement of this color would be **2121722**, and the grayscale version is **12434877**.

A 20% lighter version of the original color is **16773983**, and **12355072** is the 20% darker color. If you saturate the color by 10%, you get **16430087**, and if you desaturate by 10%, it is **16433721**.

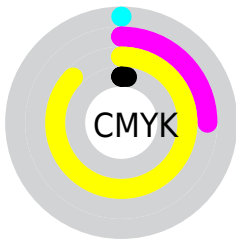
# Distribution



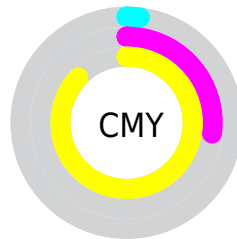
- Red (98%)
- Green (73%)
- Blue (13%)



- Red (47%)
- Yellow (98%)
- Blue (13%)



- Cyan (0%)
- Magenta (25%)
- Yellow (87%)
- Black (2%)




















- Cyan (2%)
- Magenta (27%)
- Yellow (87%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 16431904 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 16431904 by changing the saturation by 10% instead.



 16431904	 16431904
16777215	 14393344
 16773983	 12355072
 16777084	 10382592
 16777112	 8410368
 16777141	 6503936
 16777170	 4728832
 16777199	 3019776
	 1310720
	 0

16431904

16431904

16430087

16433721

16429568

16435538

16437611

16439428

16441245

16443062

16445135

16446952

16448767

# Harmonies

## Analogous

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



16751955



16431904



11981355

# Triad

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



16431904



59386



16751359

# Complementary

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



16431904



2121722

# 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.



10599167



16431904



58111

# Square

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



16431904



59055



54271



16744668

# Rectangle

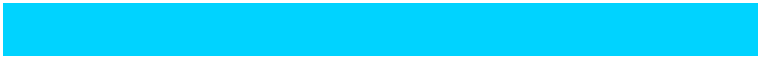
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



16431904



8248401



54271



15640063



# Sweetspot

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



16431904



16772285



16392289



8418392



0



8421504



# Same Dimension

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



16431904



16758016



13564448



8223088



12420608



4008960



# Inverse Universe

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



2121722



19199



4989178



7369853



14269



4669



# Previews

## White Background



This preview shows how the Decimal color 16431904 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 16431904 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 16431904 Background



This preview shows how black text looks on a background with the Decimal color 16431904.



This preview shows how white text looks on a background with the Decimal color 16431904.

# 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**  
16431904

**Protanopia**  
14599715

**Deuteranopia**  
16366368



**Tritanopia**  
16756924

# Trichromacy



**Original Color**  
16431904

**Protanomaly**  
15254050

**Deuteranomaly**  
16366368

**Tritanomaly**  
16626819

# Monochromacy



**Original Color**  
16431904

**Achromatopsia**  
12369084

**Achromatomaly**  
13876355

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 16431904 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 #FABB20 looks like.

```
.text, #text, p{  
  color:#FABB20  
}
```

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 #FABB20 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FABB20  
}
```

## Border

The CSS property to change the border of an element to Decimal 16431904 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  
#FABB20 }
```

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

```
.border{ border-color:#FABB20 }
```

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

Here you see how a box with a 4 pixel #FABB20 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FABB20; -webkit-box-shadow:4px 4px  
4px 4px #FABB20; box-shadow:4px 4px 4px  
4px #FABB20 }
```

# Background

The CSS property to change the background color of an element to Decimal 16431904 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FABB20 }
```

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

```
.background{ background-color:#FABB20 }
```

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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