

# Converting Colors

Decimal(16432431)

Have a look what the booklet for  
Decimal(16432431) contains.

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# **Color**

**Decimal(16432431)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FABD2F
RGB	250, 189, 47
RGB Percent	98%, 74%, 18%
CMY	0.0196, 0.2588, 0.8157
CMYK	0.00, 0.24, 0.81, 0.02
HSL	42°, 95%, 58%
HSV	42°, 81%, 98%
XYZ	58.1350, 56.9244, 10.6128
YIQ	191.0510, 81.9380, -31.2300

# Conversions

## Conversions Part 2

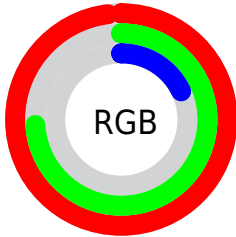
Format	Color
<a href="#">RYB</a>	<a href="#">134, 250, 47</a>
Decimal	<a href="#">16432431</a>
<a href="#">CIELab</a>	<a href="#">80.14, 10.04, 73.71</a>
<a href="#">CIELCh</a>	<a href="#">80, 74.393, 82.241</a>
<a href="#">Yxy</a>	<a href="#">56.9244, 0.4626, 0.4530</a>
<a href="#">Android (android.graphics.Color)</a>	<a href="#">4294622511 (0xFFFFABD2F)</a>
<a href="#">YUV</a>	<a href="#">191.0510, -71.0171, 51.6983</a>
<a href="#">Hunter-Lab</a>	<a href="#">75.4483, 5.5048, 44.4739</a>

# Details

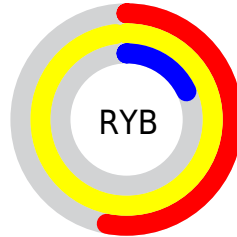
The Decimal color **16432431** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light washed orange. A complement of this color would be **3108090**, and the grayscale version is **12632256**.

A 20% lighter version of the original color is **16774506**, and **12355584** is the 20% darker color. If you saturate the color by 10%, you get **16430358**, and if you desaturate by 10%, it is **16434504**.

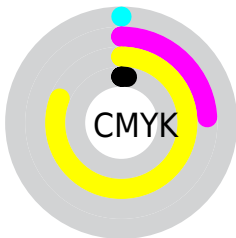
# Distribution



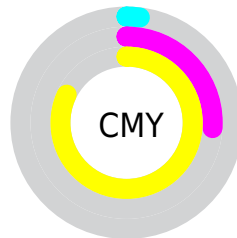
- Red (98%)
- Green (74%)
- Blue (18%)



- Red (53%)
- Yellow (98%)
- Blue (18%)



- Cyan (0%)
- Magenta (24%)
- Yellow (81%)
- Black (2%)





















- Cyan (2%)
- Magenta (26%)
- Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 16432431 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 16432431 by changing the saturation by 10% instead.



 16432431	 16432431
 16777215	 14393857
 16774506	 12355584
 16777094	 10383104
 16777122	 8476416
 16777150	 6569984
 16777180	 4794880
 16777209	 3085824
	 1441792
	 0

16432431

16432431

16430358

16434504

16428800

16436321

16438394

16440211

16442284

16444101

16446174

16447991

16449535

# Harmonies

## Analogous

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



16752985



16432431



12178232

# Triad

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



16432431



59641



16752383

# Complementary

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



16432431



3108090

# 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.



10992895



16432431



58111

# Square

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



16432431



59314



54527



16746460

# Rectangle

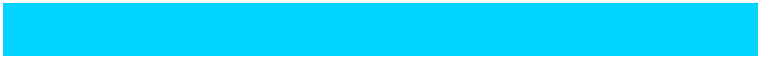
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



16432431



8576089



54527



15706367

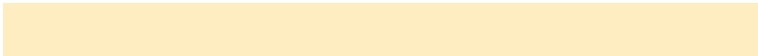


# Sweetspot

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



16432431



16772546



16396143



8418395



0



8421504



# Same Dimension

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



16432431



16758024



14023215



8223088



12420096



4008704



# Inverse Universe

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



3108090



545535



5517306



7369853



14781



4669



# Previews

## White Background



This preview shows how the Decimal color 16432431 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 16432431 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 16432431 Background



This preview shows how black text looks on a background with the Decimal color 16432431.



This preview shows how white text looks on a background with the Decimal color 16432431.

# 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](#).

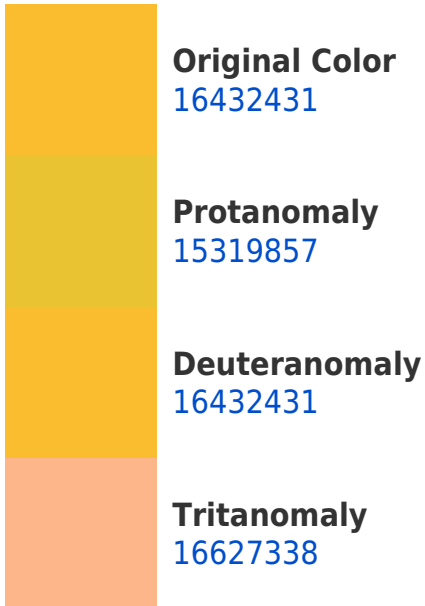
## Dichromacy





**Tritanopia**  
16757438

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 16432431 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 #FABD2F looks like.

```
.text, #text, p{  
    color:#FABD2F  
}
```

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 #FABD2F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FABD2F
}
```

## Border

The CSS property to change the border of an element to Decimal 16432431 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
#FABD2F }
```

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

```
.border{ border-color:#FABD2F }
```

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

Here you see how a box with a 4 pixel #FABD2F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FABD2F; -webkit-box-shadow:4px 4px  
4px 4px #FABD2F; box-shadow:4px 4px 4px  
4px #FABD2F }
```

# Background

The CSS property to change the background color of an element to Decimal 16432431 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FABD2F }
```

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

```
.background{ background-color:#FABD2F }
```

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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