

Converting Colors

Decimal(16472832)

Have a look what the booklet for
Decimal(16472832) contains.

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Color

Decimal(16472832)

Conversions

Conversions Part 1

Format	Color
Hex	FB5B00
RGB	251, 91, 0
RGB Percent	98%, 36%, 0%
CMY	0.0157, 0.6431, 1.0000
CMYK	0.00, 0.64, 1.00, 0.02
HSL	22°, 100%, 49%
HSV	22°, 100%, 98%
XYZ	43.5247, 27.9914, 3.1089
YIQ	128.4660, 124.5710, 5.6190

Conversions

Conversions Part 2

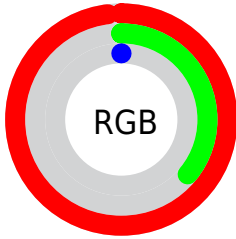
Format	Color
RYB	251, 143, 0
Decimal	16472832
CIELab	59.88, 58.32, 69.70
CIElCh	60, 90.881, 50.081
Yxy	27.9914, 0.5832, 0.3751
Android (android.graphics.Color)	4294662912 (0xFFFB5B00)
YUV	128.4660, -63.3337, 107.4623
Hunter-Lab	52.9069, 54.2589, 33.5509

Details

The Decimal color **16472832** is a dark color, and the websafe version is hex **FF6600**. The color can be described as dark saturated red. A complement of this color would be **41211**, and the grayscale version is **8487297**.

A 20% lighter version of the original color is **16749378**, and **12131584** is the 20% darker color. If you saturate the color by 10%, you get **16472832**, and if you desaturate by 10%, it is **16476953**.

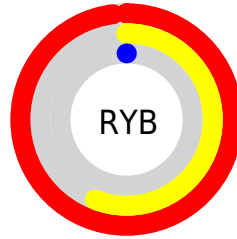
Distribution



Red (98%)

Green (36%)

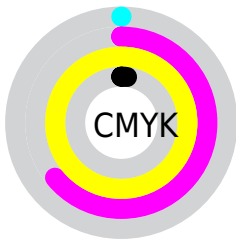
Blue (0%)



Red (98%)

Yellow (56%)

Blue (0%)

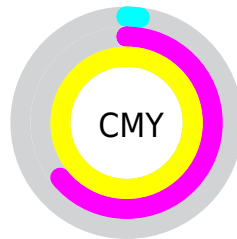


Cyan (0%)

Magenta (64%)

Yellow (100%)

Black (2%)



Cyan (2%)

















Magenta (64%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 16472832 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 16472832 by changing the saturation by 10% instead.

 16472832	 16472832
16777215	 14302720
 16749378	 12131584
 16756573	 10027008
 16764024	 7929856
 16771475	 5963776
 16777135	 4128771
 16777163	 1835009
 16777192	 0

 16472832

 16476953

 16481074

 16485195

 16489316

 16493438

 16497559

 16501680

 16505801

 16509922

Harmonies

Analogous

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



16719711



16472832



12944384

Triad

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



16472832



45170



2394111

Complementary

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



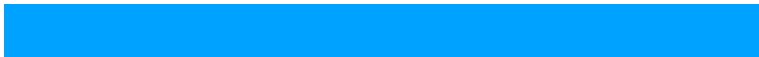
16472832



41211

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.



41727



16472832



45765

Square

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



16472832



43535



45055



13851384

Rectangle

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



16472832



9934336



45055



37631

Sweetspot

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



16472832



16764595



16449699



8413778



0



8421504

Same Dimension

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



16472832



16735232



16504064



8222064



12403712



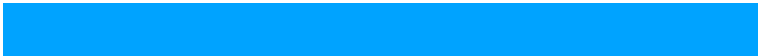
4003328

Inverse Universe

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



41211



41983



9979



7370877



30909



10045

Previews

White Background



This preview shows how the Decimal color 16472832 looks on a white background.

Color Contrast Check

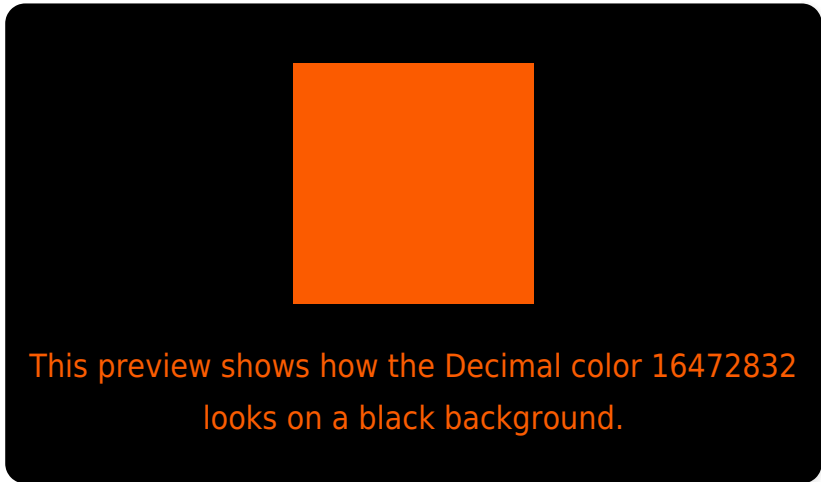
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Decimal 16472832 Background



This preview shows how black text looks on a background with the Decimal color 16472832.



This preview shows how white text looks on a background with the Decimal color 16472832.

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

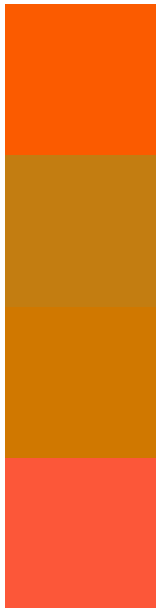


Original Color
16472832

Protanopia
10719514

Deuteranopia
12028160

Trichromacy



Original Color
16472832

Protanomaly
12811537

Deuteranomaly
13662208

Tritanomaly
16537401

Monochromacy



Original Color
16472832

Achromatopsia
8421504

Achromatomaly
11367249

CSS Examples

Text

The CSS property to change the color of the text to Decimal 16472832 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 #FB5B00 looks like.

```
.text, #text, p{  
  color:#FB5B00  
}
```

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 #FB5B00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FB5B00
}
```

Border

The CSS property to change the border of an element to Decimal 16472832 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
#FB5B00 }
```

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

```
.border{ border-color:#FB5B00 }
```

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

Here you see how a box with a 4 pixel #FB5B00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FB5B00; -webkit-box-shadow:4px 4px  
4px 4px #FB5B00; box-shadow:4px 4px 4px  
4px #FB5B00 }
```

Background

The CSS property to change the background color of an element to Decimal 16472832 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FB5B00 }
```

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

```
.background{ background-color:#FB5B00 }
```

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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