

Converting Colors

Decimal(16209408)

Have a look what the booklet for
Decimal(16209408) contains.

Decimal(16209408)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(16209408)

Conversions

Conversions Part 1

Format	Color
Hex	F75600
RGB	247, 86, 0
RGB Percent	97%, 34%, 0%
CMY	0.0314, 0.6627, 1.0000
CMYK	0.00, 0.65, 1.00, 0.03
HSL	21°, 100%, 48%
HSV	21°, 100%, 97%
XYZ	41.6856, 26.4297, 2.9044
YIQ	124.3350, 123.5620, 7.3860

Conversions

Conversions Part 2

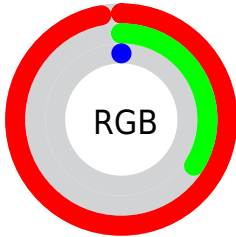
Format	Color
R _Y B	247, 132, 0
Decimal	16209408
CIE Lab	58.44, 59.01, 68.59
CIE LCh	58, 90.483, 49.294
Yxy	26.4297, 0.5870, 0.3721
Android (android.graphics.Color)	4294399488 (0xFFFF75600)
YUV	124.3350, -61.2972, 107.5772
Hunter-Lab	51.4099, 54.7691, 32.6373

Details

The Decimal color **16209408** 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 **41463**, and the grayscale version is **8224125**.

A 20% lighter version of the original color is **16748097**, and **11932928** is the 20% darker color. If you saturate the color by 10%, you get **16209408**, and if you desaturate by 10%, it is **16213529**.

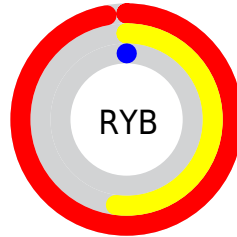
Distribution



Red (97%)

Green (34%)

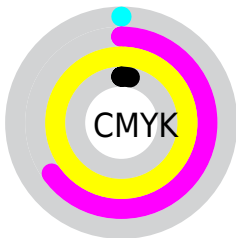
Blue (0%)



Red (97%)

Yellow (52%)

Blue (0%)

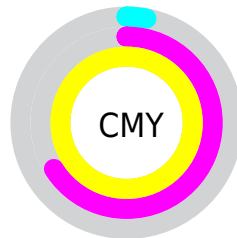


Cyan (0%)

Magenta (65%)

Yellow (100%)

Black (3%)



Cyan (3%)










Magenta (66%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 16209408 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 16209408 by changing the saturation by 10% instead.

 16209408	 16209408
16777215	 14039296
 16748097	 11932928
 16755292	 9764864
 16762742	 7733248
 16770193	 5701632
 16777133	 3866626
 16777161	 1376256
 16777190	 0
 16209408	

 16213529

 16217649

 16221770

 16225891

 16230268

 16234388

 16238509

 16242630

 16246750

Harmonies

Analogous

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



16716894



16209408



12746496

Triad

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



16209408



44140



34303

Complementary

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



16209408



41463

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.



40959



16209408



44735

Square

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



16209408



42499



44031



13392117

Rectangle

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



16209408



9736448



44031



36863

Sweetspot

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



16209408



16764339



16187557



8413778



0



8421504

Same Dimension

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



16209408



16734464



16240128



8024686



12206336



3871744

Inverse Universe

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



41463



42751



10743



7239290



31162



9787

Previews

White Background



This preview shows how the Decimal color 16209408 looks on a white background.

Color Contrast Check

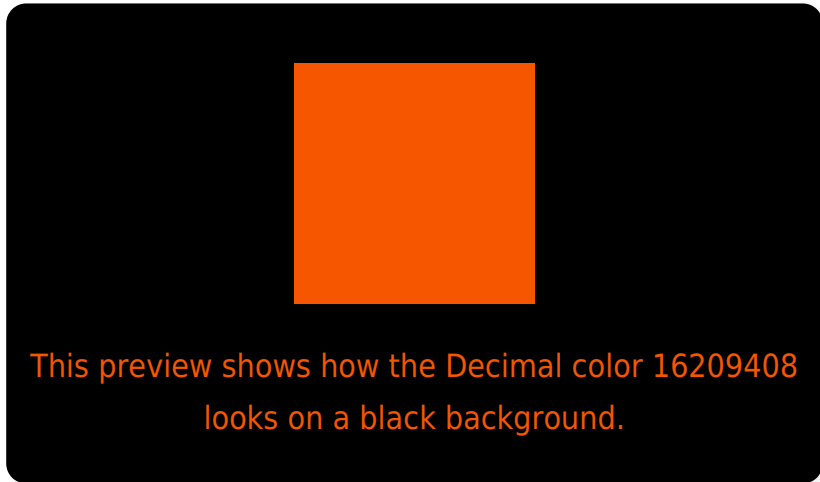
Large Text (above 18pt) WCAG AA ✓ Pass

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 16209408 Background



This preview shows how black text looks on a background with the Decimal color 16209408.



This preview shows how white text looks on a background with the Decimal color 16209408.

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
16209408

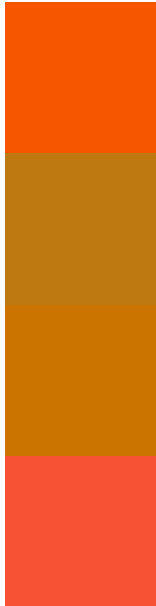
Protanopia
10456346

Deuteranopia
11699712



Tritanopia
16339028

Trichromacy



Original Color
16209408

Protanomaly
12548369

Deuteranomaly
13333760

Tritanomaly
16273973

Monochromacy



Original Color
16209408

Achromatopsia
8158332

Achromatomaly
11103823

CSS Examples

Text

The CSS property to change the color of the text to Decimal 16209408 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 #F75600 looks like.

```
.text, #text, p{  
    color:#F75600  
}
```

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 #F75600 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F75600
}
```

Border

The CSS property to change the border of an element to Decimal 16209408 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
#F75600 }
```

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

```
.border{ border-color:#F75600 }
```

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

Here you see how a box with a 4 pixel #F75600 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F75600; -webkit-box-shadow:4px 4px  
4px 4px #F75600; box-shadow:4px 4px 4px  
4px #F75600 }
```

Background

The CSS property to change the background color of an element to Decimal 16209408 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F75600 }
```

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

```
.background{ background-color:#F75600 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor