

Converting Colors

Decimal(16409640)

Have a look what the booklet for
Decimal(16409640) contains.

Decimal(16409640)	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(16409640)

Conversions

Conversions Part 1

Format	Color
Hex	FA6428
RGB	250, 100, 40
RGB Percent	98%, 39%, 16%
CMY	0.0196, 0.6078, 0.8431
CMYK	0.00, 0.60, 0.84, 0.02
HSL	17°, 95%, 57%
HSV	17°, 84%, 98%
XYZ	44.3645, 29.5915, 5.3810
YIQ	138.0100, 108.6600, 13.1400

Conversions

Conversions Part 2

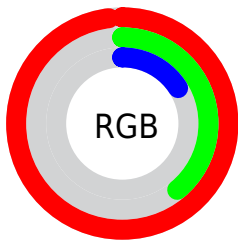
Format	Color
R _Y B	250, 124, 40
Decimal	16409640
CIE Lab	61.30, 54.66, 59.88
CIE LCh	61, 81.080, 47.608
Yxy	29.5915, 0.5592, 0.3730
Android (android.graphics.Color)	4294599720 (0xFFFA6428)
YUV	138.0100, -48.3189, 98.2152
Hunter-Lab	54.3981, 50.3795, 32.2138

Details

The Decimal color **16409640** is a dark color, and the websafe version is hex **FF6633**. The color can be described as dark washed orange. A complement of this color would be **2670330**, and the grayscale version is **9079434**.

A 20% lighter version of the original color is **16751451**, and **12135168** is the 20% darker color. If you saturate the color by 10%, you get **16405007**, and if you desaturate by 10%, it is **16414273**.

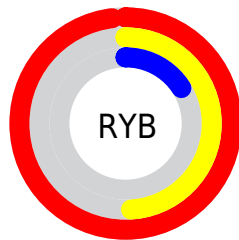
Distribution



Red (98%)

Green (39%)

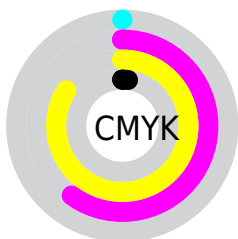
Blue (16%)



Red (98%)

Yellow (49%)

Blue (16%)

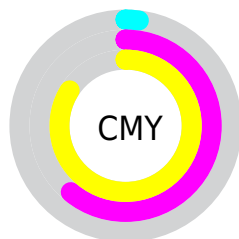


Cyan (0%)

Magenta (60%)

Yellow (84%)

Black (2%)



Cyan (2%)

Magenta (61%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 16409640 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 16409640 by changing the saturation by 10% instead.

 16409640

 16409640

16777215

 14239754

 16751451

 12135168

 16758901

 10092544

 16766096

 7995392

 16773803

 6029312

 16777159

 4194306

 16777188

 2031617

 0

 16409640

 16409640

16405007

16414273

16402176

16418906

16423539

16427916

16432549

16437182

16441815

16446448

16449535

Harmonies

Analogous

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



16728429



16409640



13338112

Triad

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



16409640



45683



3706623

Complementary

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



16409640



2670330

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.



42495



16409640



46270

Square

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



16409640



2206501



45309



13265654

Rectangle

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



16409640



10655488



45309



38911

Sweetspot

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



16409640



16765375



16394431



8414297



0



8421504

Same Dimension

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



16409640



16730368



16436520



8221808



12400128



4002048

Inverse Universe

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



2670330



46847



2643706



7371133



34749



11325

Previews

White Background



This preview shows how the Decimal color 16409640 looks on a white background.

Color Contrast Check

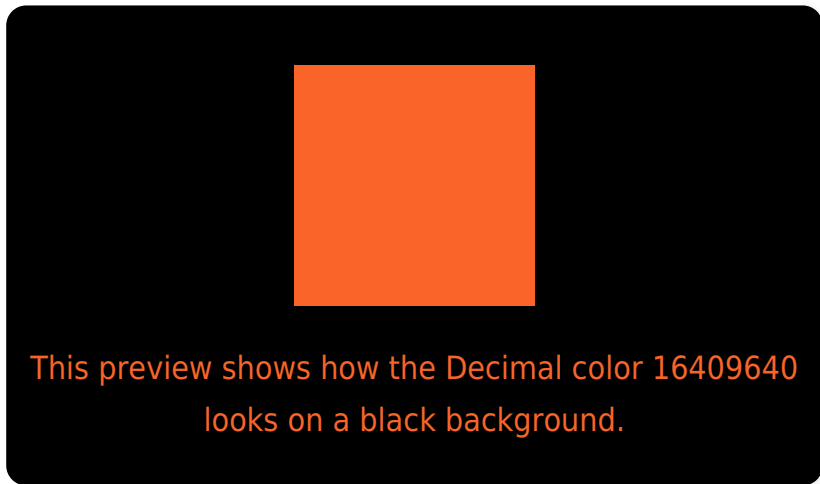
Large Text (above 18pt) WCAG AA ✓ Pass

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 16409640 Background



This preview shows how black text looks on a background with the Decimal color 16409640.



This preview shows how white text looks on a background with the Decimal color 16409640.

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
16409640

Protanopia
10917172

Deuteranopia
12291349



Tritanopia
16539236

Trichromacy



Original Color
16409640

Protanomaly
12944176

Deuteranomaly
13794844

Tritanomaly
16474190

Monochromacy



Original Color
16409640

Achromatopsia
9079434

Achromatomaly
11762790

CSS Examples

Text

The CSS property to change the color of the text to Decimal 16409640 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 #FA6428 looks like.

```
.text, #text, p{  
    color:#FA6428  
}
```

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 #FA6428 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FA6428
}
```

Border

The CSS property to change the border of an element to Decimal 16409640 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
#FA6428 }
```

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

```
.border{ border-color:#FA6428 }
```

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

Here you see how a box with a 4 pixel #FA6428 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FA6428; -webkit-box-shadow:4px 4px  
4px 4px #FA6428; box-shadow:4px 4px 4px  
4px #FA6428 }
```

Background

The CSS property to change the background color of an element to Decimal 16409640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FA6428 }
```

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

```
.background{ background-color:#FA6428 }
```

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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