

# Converting Colors

Decimal(16346118)

Have a look what the booklet for  
Decimal(16346118) contains.

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# **Color**

**Decimal(16346118)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F96C06
RGB	249, 108, 6
RGB Percent	98%, 42%, 2%
CMY	0.0235, 0.5765, 0.9765
CMYK	0.00, 0.57, 0.98, 0.02
HSL	25°, 95%, 50%
HSV	25°, 98%, 98%
XYZ	44.4624, 30.8780, 3.7889
YIQ	138.5310, 116.7780, -1.8300

# Conversions

## Conversions Part 2

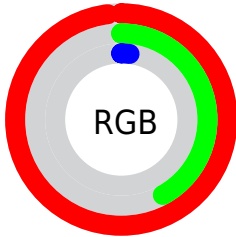
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	249, 182, 6
Decimal	16346118
CIE Lab	62.40, 50.19, 69.88
CIE LCh	62, 86.040, 54.315
Yxy	30.8780, 0.5619, 0.3902
Android (android.graphics.Color)	4294536198 (0xFFFF96C06)
YUV	138.5310, -65.3378, 96.8813
Hunter-Lab	55.5680, 45.5816, 34.8549

# Details

The Decimal color **16346118** is a dark color, and the websafe version is hex **FF6600**. The color can be described as dark saturated orange. A complement of this color would be **431097**, and the grayscale version is **9145227**.

A 20% lighter version of the original color is **16753479**, and **12072448** is the 20% darker color. If you saturate the color by 10%, you get **16345344**, and if you desaturate by 10%, it is **16349727**.

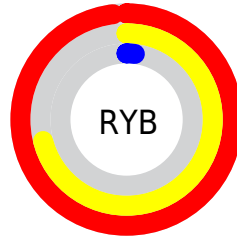
# Distribution



Red (98%)

Green (42%)

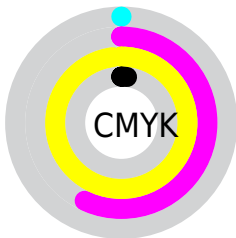
Blue (2%)



Red (98%)

Yellow (71%)

Blue (2%)

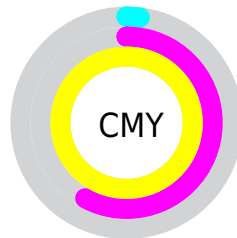


Cyan (0%)

Magenta (57%)

Yellow (98%)

Black (2%)



Cyan (2%)

Magenta (58%)














Yellow (98%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 16346118 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 16346118 by changing the saturation by 10% instead.



 16346118	 16346118
16777215	 14176512
 16753479	 12072448
 16760674	 9967360
 16767869	 7929856
 16775577	 5963776
 16777141	 4128769
 16777169	 2031617
 16777198	 0
 16346118	 16346118

16345344

16349727

16353592

16357201

16361066

16364675

16368539

16372148

16376013

16379622

# Harmonies

## Analogous

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



16728413



16346118



12750592

# Triad

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



16346118



46981



7047679

# Complementary

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



16346118



431097

# 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



16346118



47316

# Square

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



16346118



45363



46079



14901233

# Rectangle

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



16346118



9805568



46079



38143



# Sweetspot

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



16346118



16766133



16320148



8414803



0



8421504



# Same Dimension

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



16346118



16739072



16377094



8222320



12406528



4004352

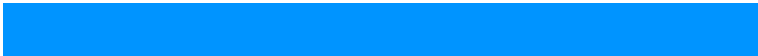


# Inverse Universe

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



431097



38143



400121



7370877



28093



9277



# Previews

## White Background



This preview shows how the Decimal color 16346118 looks on a white background.

## Color Contrast Check

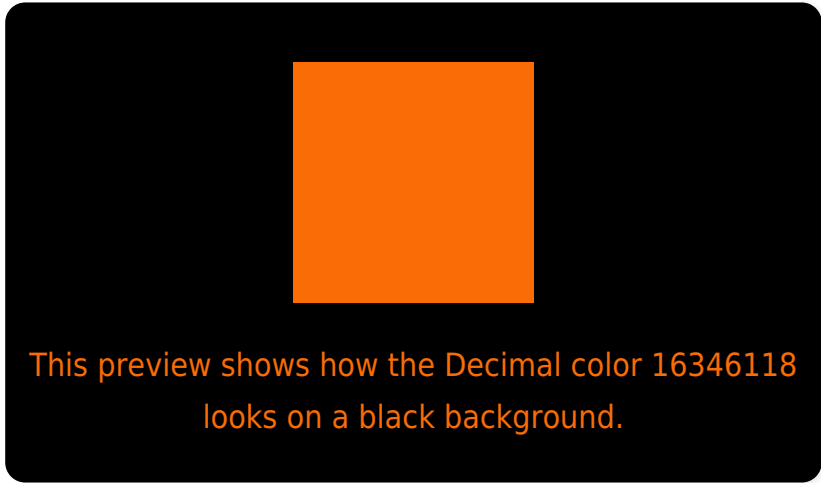
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## 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 16346118 Background



This preview shows how black text looks on a background with the Decimal color 16346118.



This preview shows how white text looks on a background with the Decimal color 16346118.

# 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**  
16346118

**Protanopia**  
11180056

**Deuteranopia**  
12554240



**Tritanopia**  
16540779

# Trichromacy



**Original Color**  
16346118

**Protanomaly**  
13076497

**Deuteranomaly**  
13927170

**Tritanomaly**  
16475974

# Monochromacy



**Original Color**  
16346118

**Achromatopsia**  
9145227

**Achromatomaly**  
11763803

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 16346118 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 #F96C06 looks like.

```
.text, #text, p{  
  color:#F96C06  
}
```

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 #F96C06 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F96C06
}
```

## Border

The CSS property to change the border of an element to Decimal 16346118 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
#F96C06 }
```

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

```
.border{ border-color:#F96C06 }
```

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

Here you see how a box with a 4 pixel #F96C06 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F96C06; -webkit-box-shadow:4px 4px  
4px 4px #F96C06; box-shadow:4px 4px 4px  
4px #F96C06 }
```

# Background

The CSS property to change the background color of an element to Decimal 16346118 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F96C06 }
```

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

```
.background{ background-color:#F96C06 }
```

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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