

# Converting Colors

Decimal(16595466)

Have a look what the booklet for  
Decimal(16595466) contains.

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# Color

**Decimal(16595466)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FD3A0A
RGB	253, 58, 10
RGB Percent	99%, 23%, 4%
CMY	0.0078, 0.7725, 0.9608
CMYK	0.00, 0.77, 0.96, 0.01
HSL	12°, 98%, 52%
HSV	12°, 96%, 99%
XYZ	42.0759, 23.9307, 2.6886
YIQ	110.8330, 131.6280, 26.4120

# Conversions

## Conversions Part 2

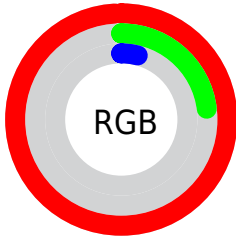
Format	Color
<a href="#">RYB</a>	<a href="#">253, 70, 10</a>
Decimal	<a href="#">16595466</a>
CIELab	<a href="#">56.02, 70.64, 65.93</a>
CIElCh	<a href="#">56, 96.629, 43.023</a>
Yxy	<a href="#">23.9307, 0.6125, 0.3484</a>
Android (android.graphics.Color)	<a href="#">4294785546</a> ( <a href="#">0xFFFD3A0A</a> )
YUV	<a href="#">110.8330, -49.7107, 124.6805</a>
Hunter-Lab	<a href="#">48.9190, 67.9219, 30.9847</a>

# Details

The Decimal color **16595466** is a dark color, and the websafe version is hex **FF3300**. The color can be described as dark saturated red. A complement of this color would be **708093**, and the grayscale version is **7303023**.

A 20% lighter version of the original color is **16742467**, and **12189696** is the 20% darker color. If you saturate the color by 10%, you get **16593408**, and if you desaturate by 10%, it is **16600611**.

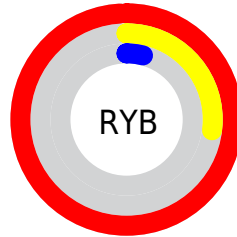
# Distribution



Red (99%)

Green (23%)

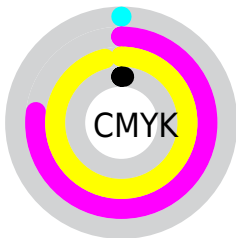
Blue (4%)



Red (99%)

Yellow (27%)

Blue (4%)

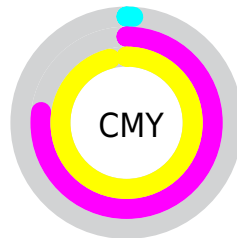


Cyan (0%)

Magenta (77%)

Yellow (96%)

Black (1%)



Cyan (1%)

Magenta (77%)



















Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 16595466 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 16595466 by changing the saturation by 10% instead.



 16595466	 16595466
16777215	 14354688
 16742467	 12189696
 16750173	 10027008
 16757623	 7929856
 16765330	 5898242
 16773037	 3932163
 16777161	 1441792
 16777190	 0
 16595466	 16595466

■ 16593408

■ 16600611

■ 16606013

■ 16611158

■ 16616303

■ 16621705

■ 16626850

■ 16631995

■ 16637140

■ 16642542

# Harmonies

## Analogous

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



16711782



16595466



13266944

# Triad

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



16595466



42321



34559

# Complementary

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



16595466



708093

# 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.



40703



16595466



43178

# Square

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



16595466



40448



43001



11688191

# Rectangle

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



16595466



10257920



43001



37119



# Sweetspot

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



16595466



16762037



16583376



8412243



0



8421504



# Same Dimension

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



16595466



16724480



16625674



8418675



12527104



4197632



# Inverse Universe

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



708093



52735



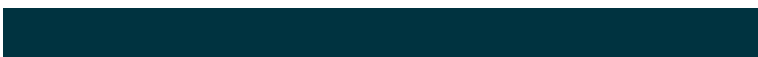
677885



7568768



39359



13120



# Previews

## White Background



This preview shows how the Decimal color 16595466 looks on a white background.

## Color Contrast Check

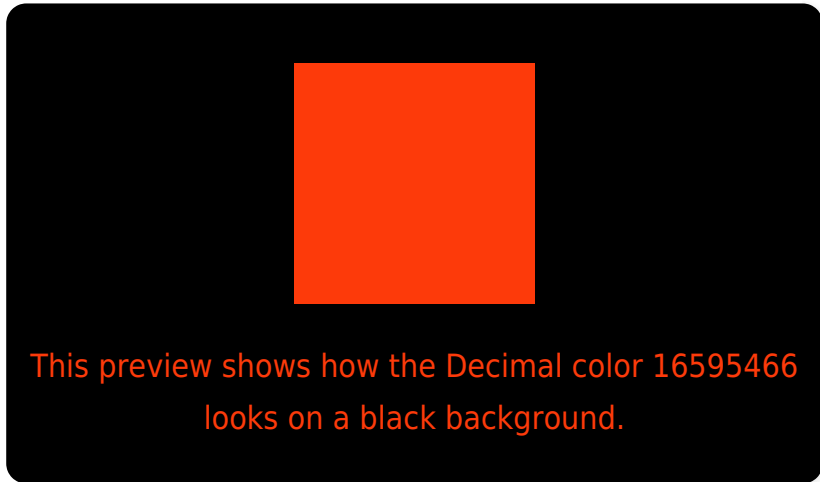
Large Text (above 18pt) WCAG AA ✓ Pass

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 16595466 Background



This preview shows how black text looks on a background with the Decimal color 16595466.



This preview shows how white text looks on a background with the Decimal color 16595466.

# 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**  
16595466

**Protanopia**  
9930528

**Deuteranopia**  
11173888



# Trichromacy



**Original Color**  
16595466

**Protanomaly**  
12348184

**Deuteranomaly**  
13133572

**Tritanomaly**  
16660263

# Monochromacy



**Original Color**  
16595466

**Achromatopsia**  
7303023

**Achromatomaly**  
10705994

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 16595466 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 #FD3A0A looks like.

```
.text, #text, p{  
  color:#FD3A0A  
}
```

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 #FD3A0A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FD3A0A
}
```

## Border

The CSS property to change the border of an element to Decimal 16595466 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
#FD3A0A }
```

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

```
.border{ border-color:#FD3A0A }
```

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

Here you see how a box with a 4 pixel #FD3A0A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FD3A0A; -webkit-box-shadow:4px 4px  
4px 4px #FD3A0A; box-shadow:4px 4px 4px  
4px #FD3A0A }
```

# Background

The CSS property to change the background color of an element to Decimal 16595466 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FD3A0A }
```

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

```
.background{ background-color:#FD3A0A }
```

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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