

Converting Colors

Decimal(16085816)

Have a look what the booklet for
Decimal(16085816) contains.

Decimal(16085816)	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(16085816)

Conversions

Conversions Part 1

Format	Color
Hex	F57338
RGB	245, 115, 56
RGB Percent	96%, 45%, 22%
CMY	0.0392, 0.5490, 0.7804
CMYK	0.00, 0.53, 0.77, 0.04
HSL	19°, 90%, 59%
HSV	19°, 77%, 96%
XYZ	44.5007, 31.9595, 7.5647
YIQ	147.1440, 96.4190, 9.2110

Conversions

Conversions Part 2

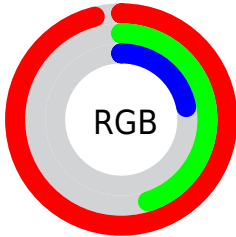
Format	Color
R_{YB}	245, 142, 56
Decimal	16085816
CIE _{Lab}	63.31, 46.40, 54.52
CIE _{LCh}	63, 71.593, 49.600
Yxy	31.9595, 0.5296, 0.3804
Android (android.graphics.Color)	4294275896 (0xFFFF57338)
YUV	147.1440, -44.9340, 85.8197
Hunter-Lab	56.5327, 41.5772, 31.6392

Details

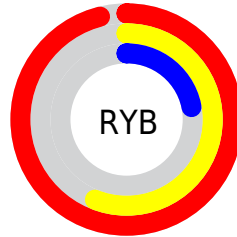
The Decimal color **16085816** is a dark color, and the websafe version is hex **FF6633**. The color can be described as middle washed orange. A complement of this color would be **3717877**, and the grayscale version is **9737364**.

A 20% lighter version of the original color is **16755051**, and **11943424** is the 20% darker color. If you saturate the color by 10%, you get **16081439**, and if you desaturate by 10%, it is **16090192**.

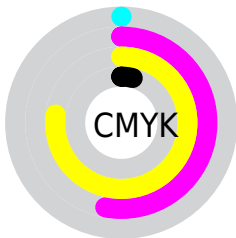
Distribution



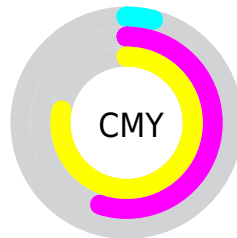
- Red (96%)
- Green (45%)
- Blue (22%)



- Red (96%)
- Yellow (56%)
- Blue (22%)



- Cyan (0%)
- Magenta (53%)
- Yellow (77%)
- Black (4%)




- Cyan (4%)
- Magenta (55%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 16085816 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 16085816 by changing the saturation by 10% instead.

 16085816	 16085816
16777215	 13981983
 16755051	 11943424
 16762501	 9904640
 16769696	 7864320
 16777147	 5898240
 16777175	 4063233
 16777204	 2031617
	 0
 16085816	 16085816

16081439

16090192

16077063

16094569

16075776

16098946

16103066

16107442

16111819

16116195

16120572

16121855

Harmonies

Analogous

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



16734835



16085816



13274624

Triad

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



16085816



46464



6853375

Complementary

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



16085816



3717877

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.



43007



16085816



47042

Square

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



16085816



3911488



46074



13595885

Rectangle

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



16085816



10853632



46074



39679

Sweetspot

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



16085816



16766916



16070844



8415068



0



8421504

Same Dimension

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



16085816



16735250



16109368



8024686



12204544



3871232

Inverse Universe

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



3717877



1226239



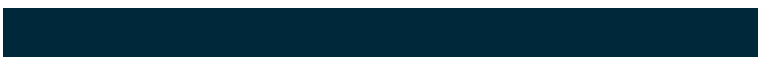
3694325



7239546



32954



10299

Previews

White Background



This preview shows how the Decimal color 16085816 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



This preview shows how the Decimal color 16085816 looks on a 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 16085816 Background



This preview shows how black text looks on a background with the Decimal color 16085816.



This preview shows how white text looks on a background with the Decimal color 16085816.

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
16085816

Protanopia
11246147

Deuteranopia
12685871

Trichromacy



Original Color
16085816

Protanomaly
13012031

Deuteranomaly
13928242

Tritanomaly
16215902

Monochromacy



Original Color
16085816

Achromatopsia
9671571

Achromatomaly
12027762

CSS Examples

Text

The CSS property to change the color of the text to Decimal 16085816 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 #F57338 looks like.

```
.text, #text, p{  
  color:#F57338  
}
```

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 #F57338 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F57338
}
```

Border

The CSS property to change the border of an element to Decimal 16085816 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
#F57338 }
```

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

```
.border{ border-color:#F57338 }
```

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

Here you see how a box with a 4 pixel #F57338 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F57338; -webkit-box-shadow:4px 4px  
4px 4px #F57338; box-shadow:4px 4px 4px  
4px #F57338 }
```

Background

The CSS property to change the background color of an element to Decimal 16085816 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F57338 }
```

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

```
.background{ background-color:#F57338 }
```

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