

Converting Colors

Decimal(16085002)

Have a look what the booklet for
Decimal(16085002) contains.

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Color

Decimal(16085002)

Conversions

Conversions Part 1

Format	Color
Hex	F5700A
RGB	245, 112, 10
RGB Percent	96%, 44%, 4%
CMY	0.0392, 0.5608, 0.9608
CMYK	0.00, 0.54, 0.96, 0.04
HSL	26°, 92%, 50%
HSV	26°, 96%, 96%
XYZ	43.5051, 31.0227, 3.9822
YIQ	140.1390, 112.0100, -3.5260

Conversions

Conversions Part 2

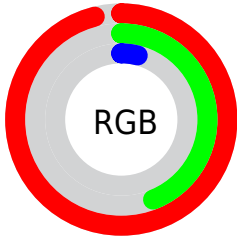
Format	Color
R _{YB}	245, 190, 10
Decimal	16085002
CIE Lab	62.53, 46.86, 69.00
CIE LCh	63, 83.409, 55.822
Yxy	31.0227, 0.5541, 0.3951
Android (android.graphics.Color)	4294275082 (0xFFFF5700A)
YUV	140.1390, -64.1585, 91.9631
Hunter-Lab	55.6981, 41.9528, 34.7497

Details

The Decimal color **16085002** 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 **692213**, and the grayscale version is **9276813**.

A 20% lighter version of the original color is **16754249**, and **11877120** is the 20% darker color. If you saturate the color by 10%, you get **16083456**, and if you desaturate by 10%, it is **16088610**.

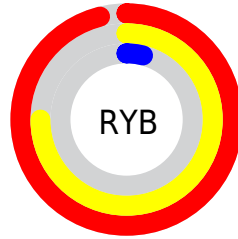
Distribution



Red (96%)

Green (44%)

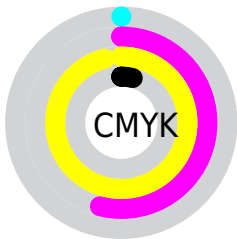
Blue (4%)



Red (96%)

Yellow (75%)

Blue (4%)

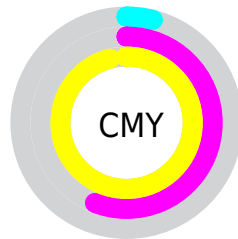


Cyan (0%)

Magenta (54%)

Yellow (96%)

Black (4%)



Cyan (4%)














Magenta (56%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 16085002 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 16085002 by changing the saturation by 10% instead.

 16085002	 16085002
16777215	 13981184
 16754249	 11877120
 16761444	 9772800
 16768895	 7733248
 16776347	 5767168
 16777142	 3932161
 16777171	 1835009
 16777200	 0
 16085002	 16085002

16083456

16088610

16092219

16095828

16099180

16102788

16106397

16110006

16113614

16117223

Harmonies

Analogous

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



16730460



16085002



12554496

Triad

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



16085002



46986



7899391

Complementary

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



16085002



692213

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.



42239



16085002



47062

Square

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



16085002



45372



45823



14967020

Rectangle

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



16085002



9609216



45823



889855

Sweetspot

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



16085002



16766389



16059023



8414803



0



8421504

Same Dimension

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



16085002



16740096



16114954



8024942



12210432



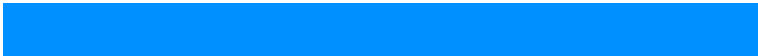
3873024

Inverse Universe

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



692213



37119



662261



7239034



27066



8507

Previews

White Background



This preview shows how the Decimal color 16085002 looks on a white background.

Color Contrast Check

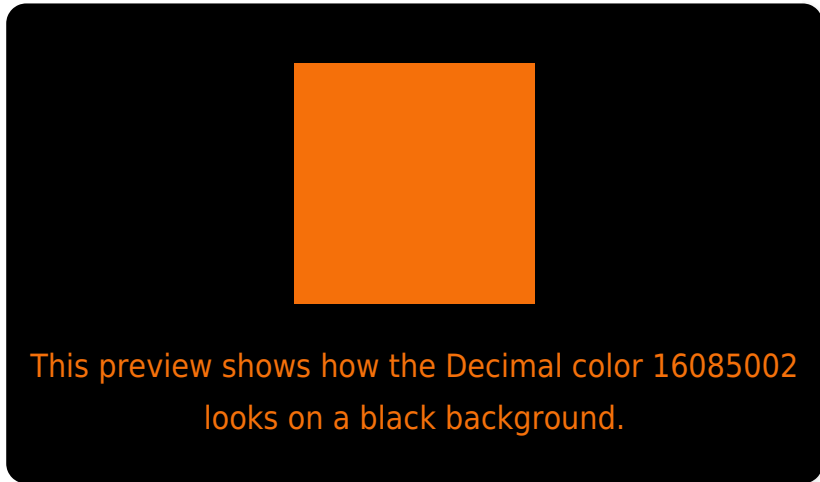
Large Text (above 18pt) WCAG AA × Fail

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 16085002 Background



This preview shows how black text looks on a background with the Decimal color 16085002.



This preview shows how white text looks on a background with the Decimal color 16085002.

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
16085002

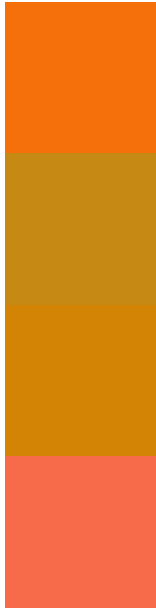
Protanopia
11245593

Deuteranopia
12619776



Tritanopia
16279663

Trichromacy



Original Color
16085002

Protanomaly
13011220

Deuteranomaly
13861892

Tritanomaly
16214858

Monochromacy



Original Color
16085002

Achromatopsia
9211020

Achromatomaly
11698781

CSS Examples

Text

The CSS property to change the color of the text to Decimal 16085002 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 #F5700A looks like.

```
.text, #text, p{  
    color:#F5700A  
}
```

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 #F5700A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F5700A
}
```

Border

The CSS property to change the border of an element to Decimal 16085002 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
#F5700A }
```

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

```
.border{ border-color:#F5700A }
```

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

Here you see how a box with a 4 pixel #F5700A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F5700A; -webkit-box-shadow:4px 4px  
4px 4px #F5700A; box-shadow:4px 4px 4px  
4px #F5700A }
```

Background

The CSS property to change the background color of an element to Decimal 16085002 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F5700A }
```

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

```
.background{ background-color:#F5700A }
```

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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