

Converting Colors

Hex(F48705)

Have a look what the booklet for
Hex(F48705) contains.

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Color

Hex(F48705)

Conversions

Conversions Part 1

Format	Color
Hex	F48705
RGB	244, 135, 5
RGB Percent	96%, 53%, 2%
CMY	0.0431, 0.4706, 0.9804
CMYK	0.00, 0.45, 0.98, 0.04
HSL	33°, 96%, 49%
HSV	33°, 98%, 96%
XYZ	45.9996, 36.5720, 4.7782
YIQ	152.7710, 106.6940, -17.3220

Conversions

Conversions Part 2

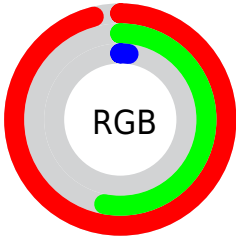
Format	Color
R _Y B	205, 244, 5
Decimal	16025349
CIE Lab	66.95, 35.00, 72.48
CIE LCh	67, 80.488, 64.225
Yxy	36.5720, 0.5266, 0.4187
Android (android.graphics.Color)	4294215429 (0xFFFF48705)
YUV	152.7710, -72.8511, 80.0078
Hunter-Lab	60.4748, 29.9435, 37.6477

Details

The Hex color **F48705** is a dark color, and the websafe version is hex **FF9900**. The color can be described as dark saturated orange. A complement of this color would be **0572F4**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **FFBD4B**, and **B55400** is the 20% darker color. If you saturate the color by 10%, you get **F48500**, and if you desaturate by 10%, it is **F4921D**.

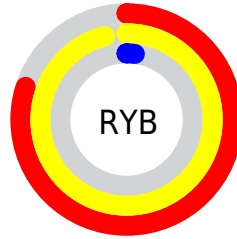
Distribution



Red (96%)

Green (53%)

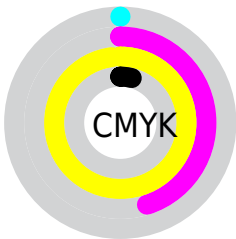
Blue (2%)



Red (80%)

Yellow (96%)

Blue (2%)

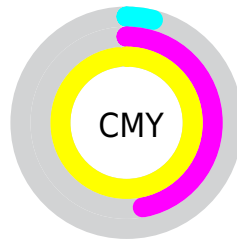


Cyan (0%)

Magenta (45%)

Yellow (98%)

Black (4%)



Cyan (4%)

Magenta (47%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color F48705 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 Hex color F48705 by changing the saturation by 10% instead.

 F48705

 F48705

FFFFFF

 D46D00

 FFBD4B

 B55400

 FFD967

 963B00

 FFF682

 772300

 FFFF9E

 5A0700

 FFFFBA

 3D0000

 FFFFD7

 240001

 FFFFF4

 000000

 F48705

 F48705

 F48500

 F4921D

 F49D36

 F4A84E

 F4B467

 F4BF7F

 F4CA97

 F4D5B0

 F4E0C8

 F4EBE1

Harmonies

Analogous

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



FF6556



F48705



BAA300

Triad

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



F48705



00C3AB



AE8BFF

Complementary

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



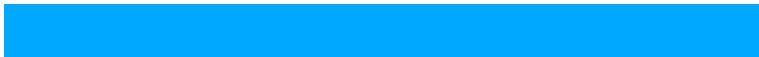
F48705



0572F4

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.



00A9FF



F48705



00C2F3

Square

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



F48705



00BF60



00BBFF



FF66E3

Rectangle

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



F48705



8BB000



00BBFF



8196FF

Sweetspot

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



F48705



FFDDB5



F40575



806B53



000000



808080

Same Dimension

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



F48705



FF8B00



ECF405



7A756E



BA6500



3B2000

Inverse Universe

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



0572F4



0074FF



0D05F4



6E747A



0055BA



001B3B

Previews

White Background



This preview shows how the Hex color F48705 looks on a white background.

Color Contrast Check

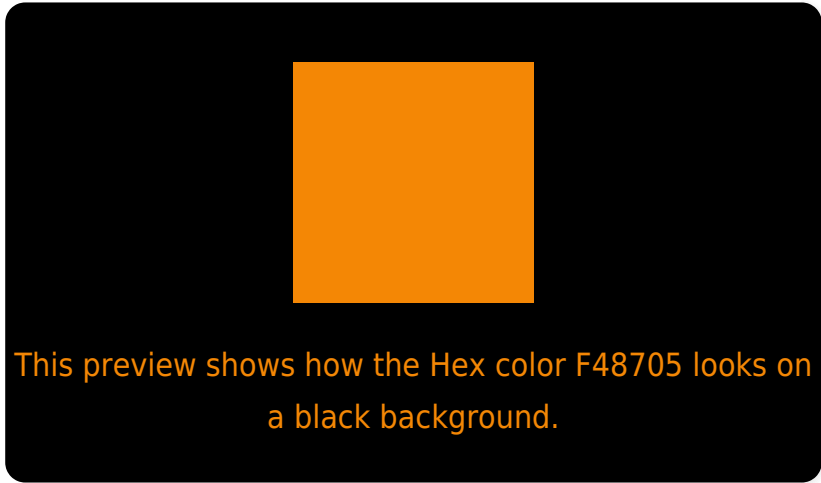
Large Text (above 18pt) WCAG AA × Fail

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](#).

Hex F48705 Background



This preview shows how black text looks on a background with the Hex color F48705.



This preview shows how white text looks on a background with the Hex color F48705.

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
F48705

Protanopia
B8A414

Deuteranopia
CE9B00



Tritanopia
F97E86

Trichromacy



Original Color
F48705

Protanomaly
CE990F

Deuteranomaly
DC9402

Tritanomaly
F78157

Monochromacy



Original Color
F48705

Achromatopsia
999999

Achromatomaly
BA9263

CSS Examples

Text

The CSS property to change the color of the text to Hex F48705 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 #F48705 looks like.

```
.text, #text, p{  
    color:#F48705  
}
```

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 #F48705 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F48705
}
```

Border

The CSS property to change the border of an element to Hex F48705 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
#F48705 }
```

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

```
.border{ border-color:#F48705 }
```

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

Here you see how a box with a 4 pixel #F48705 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F48705; -webkit-box-shadow:4px 4px  
4px 4px #F48705; box-shadow:4px 4px 4px  
4px #F48705 }
```

Background

The CSS property to change the background color of an element to Hex F48705 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F48705 }
```

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

```
.background{ background-color:#F48705 }
```

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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