

Converting Colors

Hex(F48540)

Have a look what the booklet for
Hex(F48540) contains.

Hex(F48540)	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

Hex(F48540)

Conversions

Conversions Part 1

Format	Color
Hex	F48540
RGB	244, 133, 64
RGB Percent	96%, 52%, 25%
CMY	0.0431, 0.4784, 0.7490
CMYK	0.00, 0.45, 0.74, 0.04
HSL	23°, 89%, 60%
HSV	23°, 74%, 96%
XYZ	46.6212, 36.3783, 9.4150
YIQ	158.3230, 88.3050, 2.0730

Conversions

Conversions Part 2

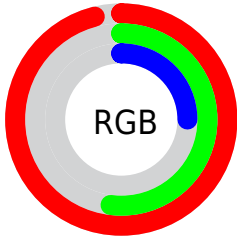
Format	Color
RYB	244, 176, 64
Decimal	16024896
CIELab	66.81, 37.39, 54.33
CIELCh	67, 65.955, 55.464
Yxy	36.3783, 0.5045, 0.3936
Android (android.graphics.Color)	4294214976 (0xFFFF48540)
YUV	158.3230, -46.5012, 75.1387
Hunter-Lab	60.3144, 32.4246, 32.9650

Details

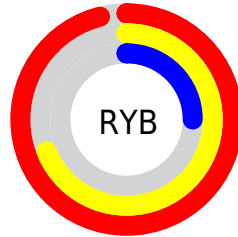
The Hex color **F48540** is a light color, and the websafe version is hex **FF9966**. The color can be described as light washed orange. A complement of this color would be **40AFF4**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **FFBB73**, and **B65109** is the 20% darker color. If you saturate the color by 10%, you get **F47628**, and if you desaturate by 10%, it is **F49458**.

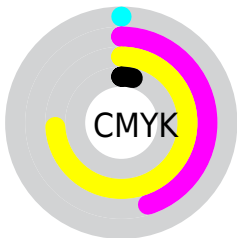
Distribution



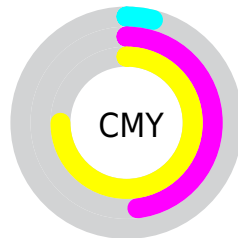
- Red (96%)
- Green (52%)
- Blue (25%)



- Red (96%)
- Yellow (69%)
- Blue (25%)



- Cyan (0%)
- Magenta (45%)
- Yellow (74%)
- Black (4%)



- Cyan (4%)
- Magenta (48%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color F48540 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 F48540 by changing the saturation by 10% instead.

 F48540

 F48540

FFFFFF

 D56B26

 FFBB73

 B65109

 FFD78E

 973800

 FFF4A9

 791F00

 FFFFC5

 5C0100

 FFFFE1

 3F0000

FFFFFFE

 250001

 000000

 F48540

 F48540

 F47628

 F49458

 F4670F

 F4A371

 F45E00

 F4B289

 F4C1A2

 F4D0BA

 F4DFD2

 F4EEEE

 F4FDFF

 F4FFFF

Harmonies

Analogous

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



FF6F73



F48540



C89D1C

Triad

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



F48540



00BE97



9297FF

Complementary

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



F48540



40AFF4

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.



00ACFF



F48540



00BED4

Square

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



F48540



3BB95C



00B9FF



E27CE7

Rectangle

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



F48540



A4A91F



00B9FF



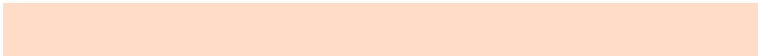
689FFF

Sweetspot

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



F48540



FFDCC7



F440AF



806B5E



000000



808080

Same Dimension

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



F48540



FF731C



F4DF40



7A736E



BA4700



3B1600

Inverse Universe

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



40AFF4



1CA8FF



4055F4



6E767A



0073BA



00243B

Previews

White Background



This preview shows how the Hex color F48540 looks on a white background.

Color Contrast Check

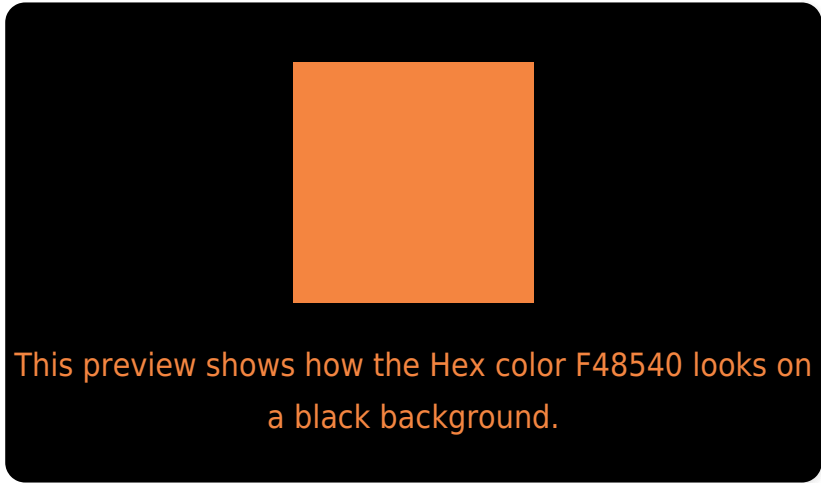
Large Text (above 18pt) WCAG AA × Fail

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 F48540 Background



This preview shows how black text looks on a background with the Hex color F48540.



This preview shows how white text looks on a background with the Hex color F48540.

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
F48540

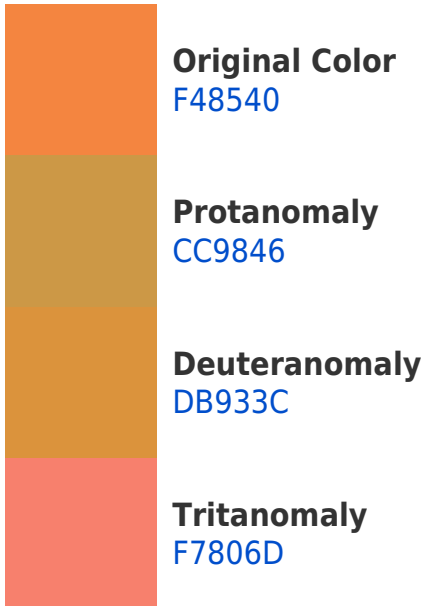
Protanopia
B5A349

Deuteranopia
CC9B3A



Tritanopia
F87D86

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex F48540 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 #F48540 looks like.

```
.text, #text, p{  
    color:#F48540  
}
```

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 #F48540 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F48540
}
```

Border

The CSS property to change the border of an element to Hex F48540 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
#F48540 }
```

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

```
.border{ border-color:#F48540 }
```

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

Here you see how a box with a 4 pixel #F48540 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F48540; -webkit-box-shadow:4px 4px  
4px 4px #F48540; box-shadow:4px 4px 4px  
4px #F48540 }
```

Background

The CSS property to change the background color of an element to Hex F48540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F48540 }
```

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

```
.background{ background-color:#F48540 }
```

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