

Converting Colors

Hex(F49825)

Have a look what the booklet for
Hex(F49825) contains.

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Color

Hex(F49825)

Conversions

Conversions Part 1

Format	Color
Hex	F49825
RGB	244, 152, 37
RGB Percent	96%, 60%, 15%
CMY	0.0431, 0.4039, 0.8549
CMYK	0.00, 0.38, 0.85, 0.04
HSL	33°, 90%, 55%
HSV	33°, 85%, 96%
XYZ	48.8704, 41.8231, 7.2472
YIQ	166.3980, 91.7470, -16.2610

Conversions

Conversions Part 2

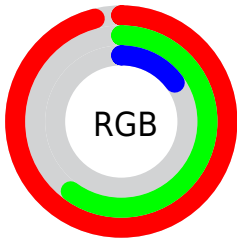
Format	Color
R _Y B	203, 244, 37
Decimal	16029733
CIE Lab	70.75, 26.65, 68.51
CIE LCh	71, 73.514, 68.748
Yxy	41.8231, 0.4990, 0.4270
Android (android.graphics.Color)	4294219813 (0xFFFF49825)
YUV	166.3980, -63.7932, 68.0570
Hunter-Lab	64.6708, 21.7148, 38.6254

Details

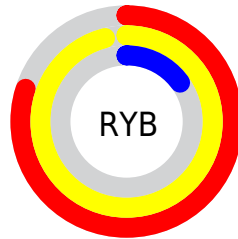
The Hex color **F49825** is a dark color, and the websafe version is hex **FF9933**. The color can be described as middle washed orange. A complement of this color would be **2581F4**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **FFCF5E**, and **B66500** is the 20% darker color. If you saturate the color by 10%, you get **F48D0D**, and if you desaturate by 10%, it is **F4A33D**.

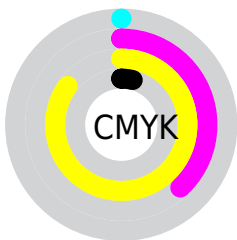
Distribution



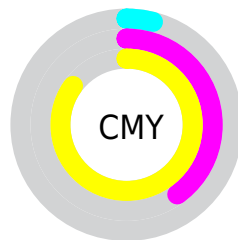
- Red (96%)
- Green (60%)
- Blue (15%)



- Red (80%)
- Yellow (96%)
- Blue (15%)



- Cyan (0%)
- Magenta (38%)
- Yellow (85%)
- Black (4%)



- Cyan (4%)
- Magenta (40%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color F49825 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 F49825 by changing the saturation by 10% instead.

 F49825

 F49825

FFFFFF

 D57E00

 FFCF5E

 B66500

 FFE879

 974C00

 FFFF95

 793500

 FFFF80

 5C1E00

 FFFFC0

 400600

 FFFF90

 290001

 000000

 F49825

 F49825

 F48D0D

 F4A33D

 F48800

 F4AE56

 F4B96E

 F4C387

 F4CE9F

 F4D9B7

 F4E4D0

 F4EFE8

 F4FAFF

Harmonies

Analogous

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



FF7C5D



F49825



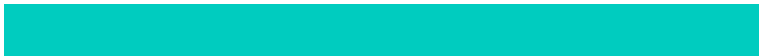
BCB001

Triad

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



F49825



00CCBF



C892FF

Complementary

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



F49825



2581F4

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.



26AEFF



F49825



00CAFF

Square

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



F49825



00C97A



00C1FF



FF75DF

Rectangle

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



F49825



8EBC26



00C1FF



A69DFF

Sweetspot

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



F49825



FFE3BF



F42582



806F59



000000



808080

Same Dimension

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



F49825



FF8E00



EAF425



7A756E



BA6700



3B2100

Inverse Universe

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



2581F4



0071FF



2F25F4



6E747A



0053BA



001A3B

Previews

White Background



This preview shows how the Hex color F49825 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 F49825 Background



This preview shows how black text looks on a background with the Hex color F49825.



This preview shows how white text looks on a background with the Hex color F49825.

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
F49825

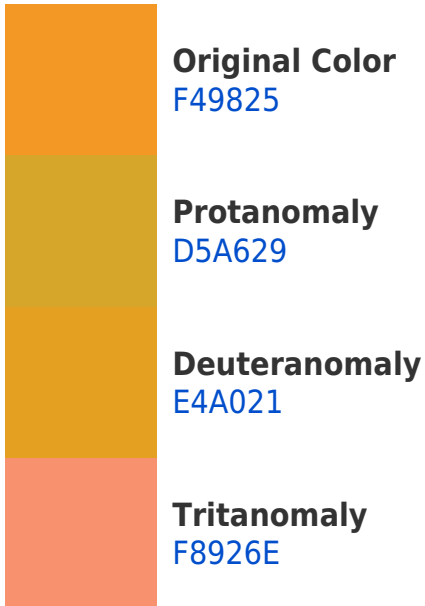
Protanopia
C3AE2B

Deuteranopia
DBA51E

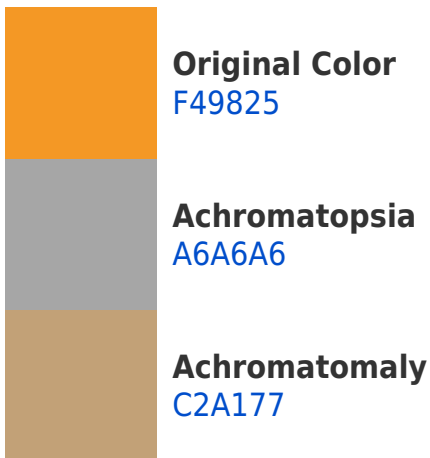


Tritanopia
FA8E98

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex F49825 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 #F49825 looks like.

```
.text, #text, p{  
    color:#F49825  
}
```

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 #F49825 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F49825
}
```

Border

The CSS property to change the border of an element to Hex F49825 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
#F49825 }
```

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

```
.border{ border-color:#F49825 }
```

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

Here you see how a box with a 4 pixel #F49825 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F49825; -webkit-box-shadow:4px 4px  
4px 4px #F49825; box-shadow:4px 4px 4px  
4px #F49825 }
```

Background

The CSS property to change the background color of an element to Hex F49825 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F49825 }
```

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

```
.background{ background-color:#F49825 }
```

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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