

Converting Colors

Hex(F5A241)

Have a look what the booklet for
Hex(F5A241) contains.

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Color

Hex(F5A241)

Conversions

Conversions Part 1

Format	Color
Hex	F5A241
RGB	245, 162, 65
RGB Percent	96%, 64%, 25%
CMY	0.0392, 0.3647, 0.7451
CMYK	0.00, 0.34, 0.73, 0.04
HSL	32°, 90%, 61%
HSV	32°, 73%, 96%
XYZ	51.5307, 45.6348, 11.0935
YIQ	175.7590, 80.6050, -12.5710

Conversions

Conversions Part 2

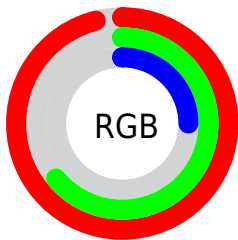
Format	Color
R_{YB}	219, 245, 65
Decimal	16097857
CIE _{Lab}	73.31, 22.76, 60.57
CIE _{LCh}	73, 64.702, 69.408
Yxy	45.6348, 0.4760, 0.4215
Android (android.graphics.Color)	4294287937 (0xFFF5A241)
YUV	175.7590, -54.6042, 60.7244
Hunter-Lab	67.5535, 17.9433, 37.5510

Details

The Hex color **F5A241** is a light color, and the websafe version is hex **FF9933**. The color can be described as light washed orange. A complement of this color would be **4194F5**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **FFD976**, and **B86E00** is the 20% darker color. If you saturate the color by 10%, you get **F59729**, and if you desaturate by 10%, it is **F5AD5A**.

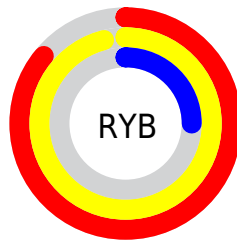
Distribution



Red (96%)

Green (64%)

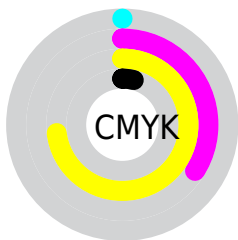
Blue (25%)



Red (86%)

Yellow (96%)

Blue (25%)

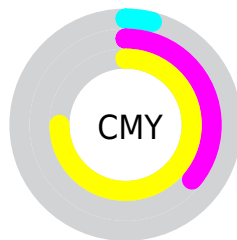


Cyan (0%)

Magenta (34%)

Yellow (73%)

Black (4%)



Cyan (4%)

Magenta (36%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color F5A241 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 F5A241 by changing the saturation by 10% instead.

 F5A241

 F5A241

FFFFFF

 D68825

 FFD976

 B86E00

 FFF591

 9A5600

 FFFFAD

 7C3E00

 FFFFC9

 5F2700

 FFFF E6

 431200

 2B0000

 000000

 F5A241

 F5A241

 F59729

 F5AD5A

 F58B10

 F5B972

 F58400

 F5C48B

 F5CFA3

 F5DABB

 F5E6D4

 F5F1EC

 F5FCFF

 F5FFFF

Harmonies

Analogous

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



FF8B6C



F5A241



C2B734

Triad

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



F5A241



00D1C6



D09CFF

Complementary

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



F5A241



4194F5

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.



62B4FF



F5A241



00CFFE

Square

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



F5A241



00CE88



00C6FF



FF85DF

Rectangle

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



F5A241



9AC245



00C6FF



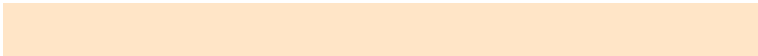
B3A5FF

Sweetspot

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



F5A241



FFE5C7



F54195



80705E



000000



808080

Same Dimension

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



F5A241



FF981F



EFF541



7A756E



BA6400



3B2000

Inverse Universe

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



4194F5



1F86FF



4741F5



6E747A



0056BA



001B3B

Previews

White Background



This preview shows how the Hex color F5A241 looks on a white background.

Color Contrast Check

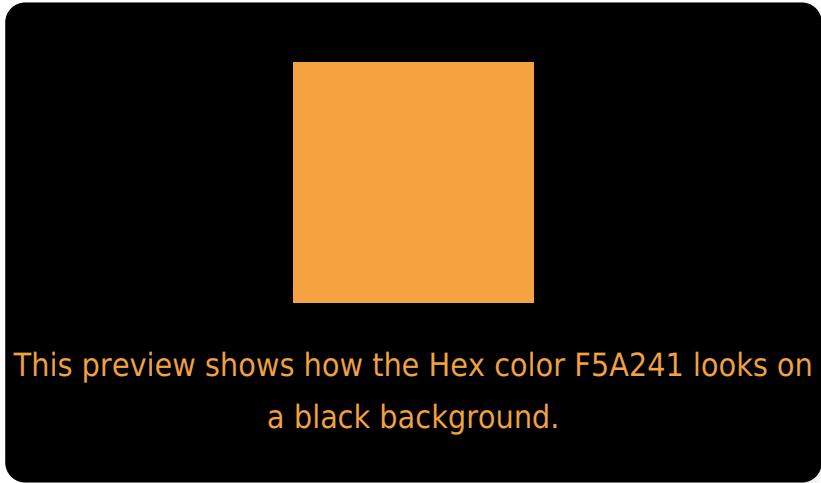
Large Text (above 18pt) WCAG AA × Fail

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 F5A241 Background



This preview shows how black text looks on a background with the Hex color F5A241.



This preview shows how white text looks on a background with the Hex color F5A241.

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
F5A241

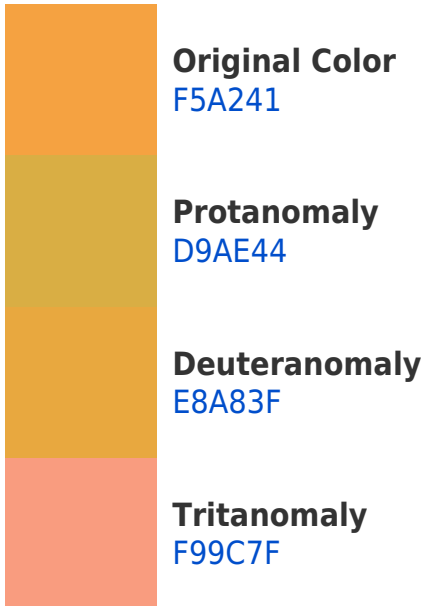
Protanopia
C9B546

Deuteranopia
E1AB3E

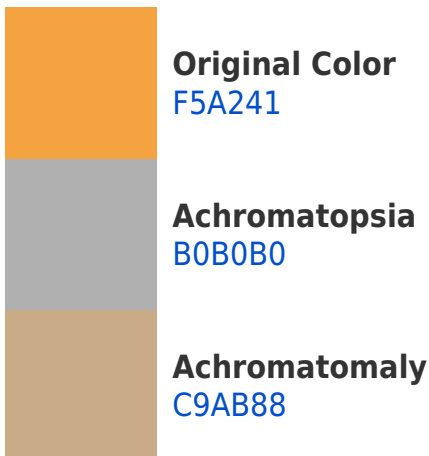


Tritanopia
FB98A3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex F5A241 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 #F5A241 looks like.

```
.text, #text, p{  
    color:#F5A241  
}
```

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 #F5A241 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F5A241
}
```

Border

The CSS property to change the border of an element to Hex F5A241 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
#F5A241 }
```

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

```
.border{ border-color:#F5A241 }
```

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

Here you see how a box with a 4 pixel #F5A241 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F5A241; -webkit-box-shadow:4px 4px  
4px 4px #F5A241; box-shadow:4px 4px 4px  
4px #F5A241 }
```

Background

The CSS property to change the background color of an element to Hex F5A241 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F5A241 }
```

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

```
.background{ background-color:#F5A241 }
```

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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