

# Converting Colors

Hex(F5D64A)

Have a look what the booklet for  
Hex(F5D64A) contains.

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# **Color**

**Hex(F5D64A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F5D64A
RGB	245, 214, 74
RGB Percent	96%, 84%, 29%
CMY	0.0392, 0.1608, 0.7098
CMYK	0.00, 0.13, 0.70, 0.04
HSL	49°, 90%, 63%
HSV	49°, 70%, 96%
XYZ	62.9388, 68.0000, 16.2867
YIQ	207.3090, 63.4160, -36.9680

# Conversions

## Conversions Part 2

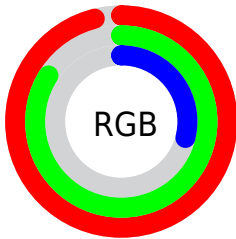
Format	Color
<a href="#">RYB</a>	<a href="#">112, 245, 74</a>
Decimal	<a href="#">16111178</a>
CIELab	<a href="#">86.01, -3.87, 69.71</a>
CIELCh	<a href="#">86, 69.814, 93.181</a>
Yxy	<a href="#">68.0000, 0.4275, 0.4619</a>
Android (android.graphics.Color)	<a href="#">4294301258 (0xFFFF5D64A)</a>
YUV	<a href="#">207.3090, -65.7213, 33.0550</a>
Hunter-Lab	<a href="#">82.4621, -8.0695, 46.0134</a>

# Details

The Hex color **F5D64A** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light washed yellow. A complement of this color would be **4A69F5**, and the grayscale version is **D0D0D0**.

A 20% lighter version of the original color is **FFFF82**, and **B9A000** is the 20% darker color. If you saturate the color by 10%, you get **F5D231**, and if you desaturate by 10%, it is **F5DA62**.

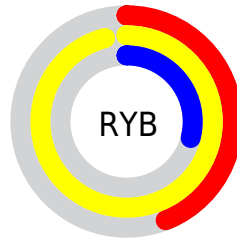
# Distribution



Red (96%)

Green (84%)

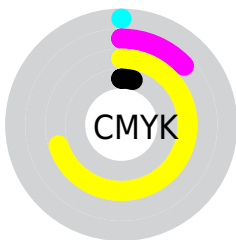
Blue (29%)



Red (44%)

Yellow (96%)

Blue (29%)

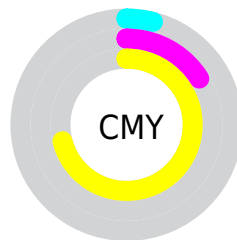


Cyan (0%)

Magenta (13%)

Yellow (70%)

Black (4%)



Cyan (4%)

Magenta (16%)

Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F5D64A 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 F5D64A by changing the saturation by 10% instead.



 F5D64A

 F5D64A

FFFFFF

 D7BA2C

 FFFF82

 B9A000

 FFFF9E

 9C8600

 FFFFBA

 7F6D00

 FFFFD7

 635500

 FFFFF5

 483E00

 2E2800

 141500

 000000

 F5D64A

 F5D64A

 F5D231

 F5DA62

 F5CD19

 F5DF7B

 F5C900

 F5E393

 F5E8AC

 F5ECC4

 F5F1DD

 F5F5F6

 F5FAFF

 F5FEFF

# Harmonies

## Analogous

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



FFBE60



F5D64A



B1E862

# Triad

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



F5D64A



00F6FF



FFA8FF

# Complementary

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



F5D64A



4A69F5

# 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.



E3C3FF



F5D64A



00EDFF

# Square

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



F5D64A



00F8DC



59DCFF



FF9CD3

# Rectangle

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



F5D64A



77F084



59DCFF



FFB1FF



# Sweetspot

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



F5D64A



FFF5C9



F54A69



807A60



000000



808080



# Same Dimension

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



F5D64A



FFD829



BFF54A



7A786E



BA9800



3B3000



# Inverse Universe

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



4A69F5



2950FF



804AF5



6E707A



0022BA



000B3B



# Previews

## White Background



This preview shows how the Hex color F5D64A looks on a white background.

## Color Contrast Check

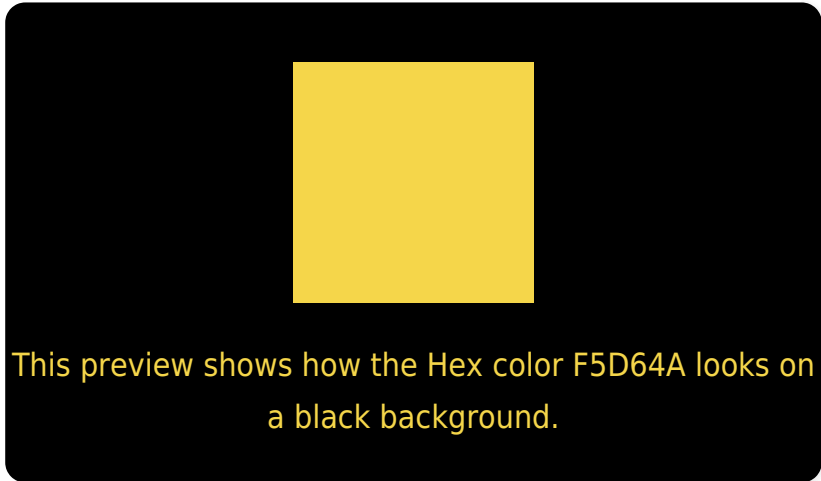
Large Text (above 18pt) WCAG AA × Fail

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 F5D64A Background



This preview shows how black text looks on a background with the Hex color F5D64A.

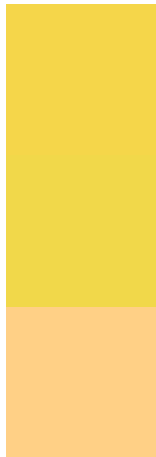


This preview shows how white text looks on a background with the Hex color F5D64A.

# 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**  
F5D64A

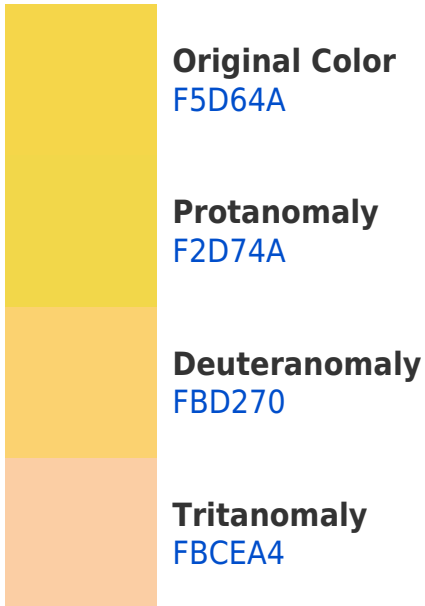
**Protanopia**  
F1D84A

**Deuteranopia**  
FFD086

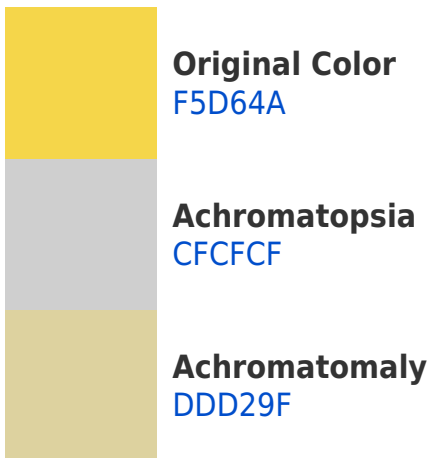


**Tritanopia**  
FFC9D8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex F5D64A 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 #F5D64A looks like.

```
.text, #text, p{  
    color:#F5D64A  
}
```

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 #F5D64A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F5D64A
}
```

## Border

The CSS property to change the border of an element to Hex F5D64A 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
#F5D64A }
```

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

```
.border{ border-color:#F5D64A }
```

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

Here you see how a box with a 4 pixel #F5D64A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F5D64A; -webkit-box-shadow:4px 4px  
4px 4px #F5D64A; box-shadow:4px 4px 4px  
4px #F5D64A }
```

# Background

The CSS property to change the background color of an element to Hex F5D64A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F5D64A }
```

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

```
.background{ background-color:#F5D64A }
```

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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