

# Converting Colors

Hex(F5A905)

Have a look what the booklet for  
Hex(F5A905) contains.

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**Color**

**Hex(F5A905)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F5A905
RGB	245, 169, 5
RGB Percent	96%, 66%, 2%
CMY	0.0392, 0.3373, 0.9804
CMYK	0.00, 0.31, 0.98, 0.04
HSL	41°, 96%, 49%
HSV	41°, 98%, 96%
XYZ	51.8715, 47.7994, 6.6359
YIQ	173.0280, 97.9400, -34.8920

# Conversions

## Conversions Part 2

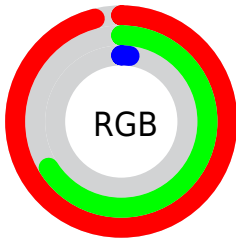
Format	Color
R <sub>Y</sub> B	116, 245, 5
Decimal	16099589
CIE Lab	74.70, 17.66, 77.67
CIE LCh	75, 79.653, 77.189
Yxy	47.7994, 0.4879, 0.4496
Android (android.graphics.Color)	4294289669 (0xFFFF5A905)
YUV	173.0280, -82.8378, 63.1194
Hunter-Lab	69.1371, 12.9335, 42.7052

# Details

The Hex color **F5A905** is a dark color, and the websafe version is hex **FF9900**. The color can be described as middle saturated orange. A complement of this color would be **0551F5**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **FFE051**, and **B77500** is the 20% darker color. If you saturate the color by 10%, you get **F5A700**, and if you desaturate by 10%, it is **F5B11E**.

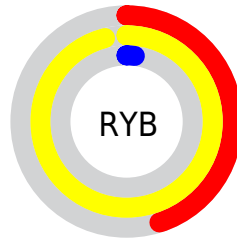
# Distribution



Red (96%)

Green (66%)

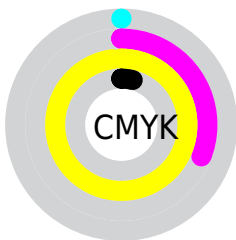
Blue (2%)



Red (45%)

Yellow (96%)

Blue (2%)

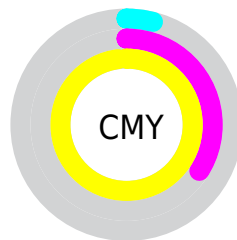


Cyan (0%)

Magenta (31%)

Yellow (98%)

Black (4%)



Cyan (4%)

Magenta (34%)

Yellow (98%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F5A905 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 F5A905 by changing the saturation by 10% instead.



 F5A905

 F5A905

FFFFFF

 D68F00

 FFE051

 B77500

 FFFD6E

 995D00

 FFFF8A

 7A4500

 FFFFA7

 5E2F00

 FFFFC3

 421900

 FFFFE1

 290300

FFFFFFE

 000000

 F5A905

 F5A905

 F5A700

 F5B11E

 F5B936

 F5C04F

 F5C867

 F5D080

 F5D898

 F5DFB1

 F5E7C9

 F5EFE2

# Harmonies

## Analogous

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



FF8A4D



F5A905



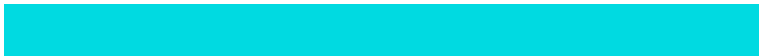
B3C100

# Triad

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



F5A905



00DAE1



F090FF

# Complementary

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



F5A905



0551F5

# 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.



72B2FF



F5A905



00D6FF

# Square

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



F5A905



00D895



00C9FF



FF72DA

# Rectangle

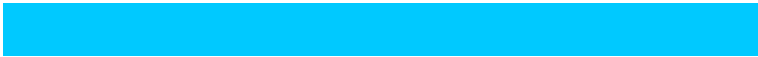
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



F5A905



7DCC35



00C9FF



D09CFF



# Sweetspot

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



F5A905



FFE8B5



F50551



807153



000000



808080



# Same Dimension

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



F5A905



FFAE00



C9F505



7A776E



BA7F00



3B2800



# Inverse Universe

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



0551F5



0051FF



3105F5



6E727A



003BBA



00133B



# Previews

## White Background



This preview shows how the Hex color F5A905 looks on a white background.

## Color Contrast Check

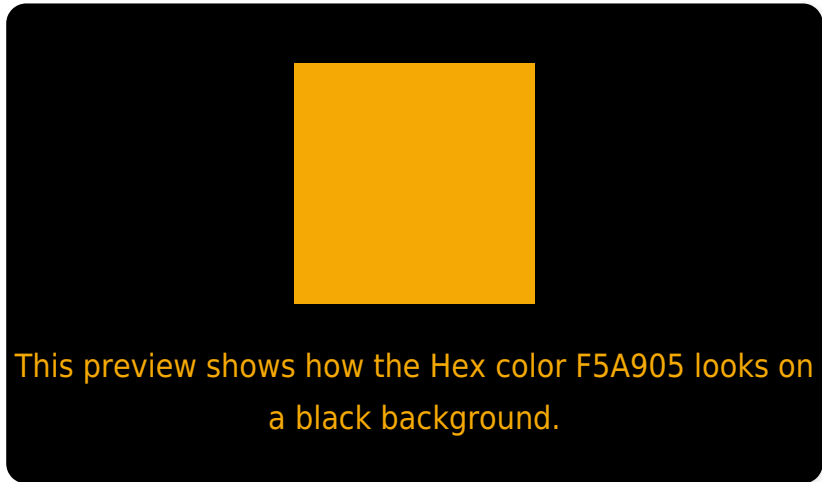
Large Text (above 18pt) WCAG AA × Fail

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 F5A905 Background



This preview shows how black text looks on a background with the Hex color F5A905.



This preview shows how white text looks on a background with the Hex color F5A905.

# 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**  
F5A905

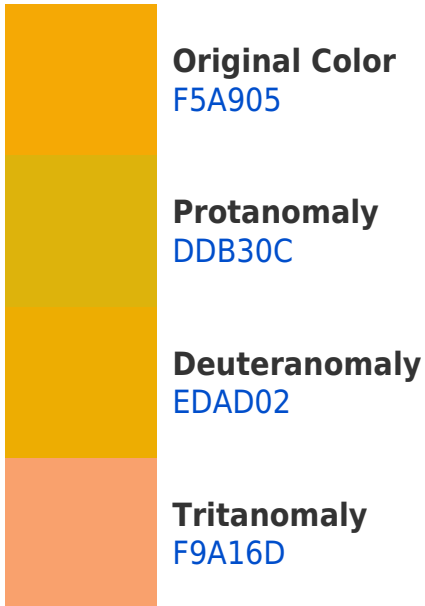
**Protanopia**  
D0B910

**Deuteranopia**  
E9AF00

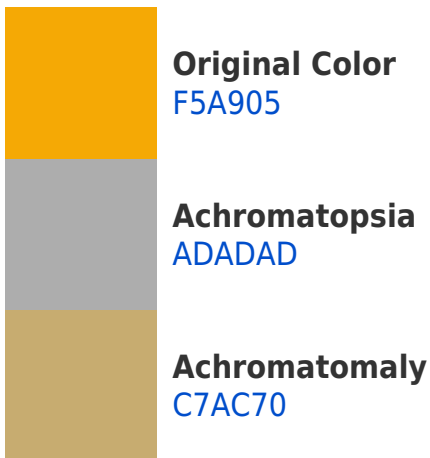


**Tritanopia**  
FC9DA9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex F5A905 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 #F5A905 looks like.

```
.text, #text, p{  
    color:#F5A905  
}
```

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 #F5A905 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F5A905
}
```

## Border

The CSS property to change the border of an element to Hex F5A905 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
#F5A905 }
```

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

```
.border{ border-color:#F5A905 }
```

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

Here you see how a box with a 4 pixel #F5A905 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F5A905; -webkit-box-shadow:4px 4px  
4px 4px #F5A905; box-shadow:4px 4px 4px  
4px #F5A905 }
```

# Background

The CSS property to change the background color of an element to Hex F5A905 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F5A905 }
```

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

```
.background{ background-color:#F5A905 }
```

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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