

# Converting Colors

Hex(F4A226)

Have a look what the booklet for  
Hex(F4A226) contains.

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# **Color**

**Hex(F4A226)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F4A226
RGB	244, 162, 38
RGB Percent	96%, 64%, 15%
CMY	0.0431, 0.3647, 0.8510
CMYK	0.00, 0.34, 0.84, 0.04
HSL	36°, 90%, 55%
HSV	36°, 84%, 96%
XYZ	50.5784, 45.2137, 7.8951
YIQ	172.3820, 88.6760, -21.1800

# Conversions

## Conversions Part 2

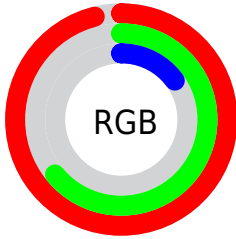
Format	Color
<a href="#">RYB</a>	<a href="#">174, 244, 38</a>
Decimal	<a href="#">16032294</a>
CIELab	<a href="#">73.03, 21.42, 70.10</a>
CIELCh	<a href="#">73, 73.304, 73.012</a>
Yxy	<a href="#">45.2137, 0.4878, 0.4361</a>
Android (android.graphics.Color)	<a href="#">4294222374</a> ( <a href="#">0xFFFF4A226</a> )
YUV	<a href="#">172.3820, -66.2503, 62.8090</a>
Hunter-Lab	<a href="#">67.2411, 16.5947, 40.1073</a>

# Details

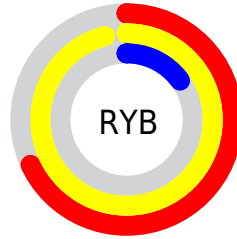
The Hex color **F4A226** is a light color, and the websafe version is hex **FF9933**. The color can be described as light washed orange. A complement of this color would be **2678F4**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **FFD960**, and **B66E00** is the 20% darker color. If you saturate the color by 10%, you get **F4980E**, and if you desaturate by 10%, it is **F4AC3E**.

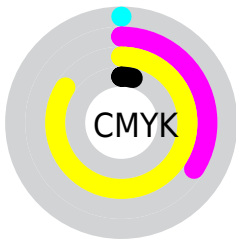
# Distribution



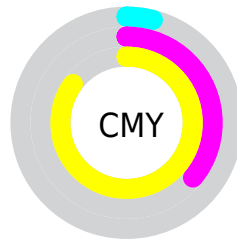
- Red (96%)
- Green (64%)
- Blue (15%)



- Red (68%)
- Yellow (96%)
- Blue (15%)



- Cyan (0%)
- Magenta (34%)
- Yellow (84%)
- Black (4%)



- Cyan (4%)
- Magenta (36%)
- Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F4A226 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 F4A226 by changing the saturation by 10% instead.



 F4A226

 F4A226

FFFFFF

 D58800

 FFD960

 B66E00

 FFF57B

 985600

 FFFF97

 7A3E00

 FFFFB3

 5D2800

 FFFF00

 411200

 FFFF00

 290000

 000000

 F4A226

 F4A226

 F4980E

 F4AC3E

 F49300

 F4B557

 F4BF6F

 F4C988

 F4D3A0

 F4DCB8

 F4E6D1

 F4F0E9

 F4F9FF

# Harmonies

## Analogous

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



FF865A



F4A226



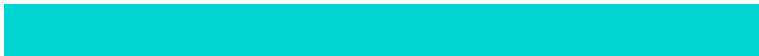
B9B917

# Triad

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



F4A226



00D3D0



DC94FF

# Complementary

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



F4A226



2678F4

# 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.



5EB1FF



F4A226



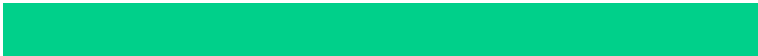
00D0FF

# Square

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



F4A226



00D08A



00C5FF



FF79DC

# Rectangle

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



F4A226



8AC436



00C5FF



BC9EFF



# Sweetspot

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



F4A226



FFE6BF



F42678



807059



000000



808080



# Same Dimension

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



F4A226



FF9900



DFF426



7A766E



BA7000



3B2300



# Inverse Universe

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



2678F4



0066FF



3B26F4



6E737A



004ABA



00173B



# Previews

## White Background



This preview shows how the Hex color F4A226 looks on a white background.

## Color Contrast Check

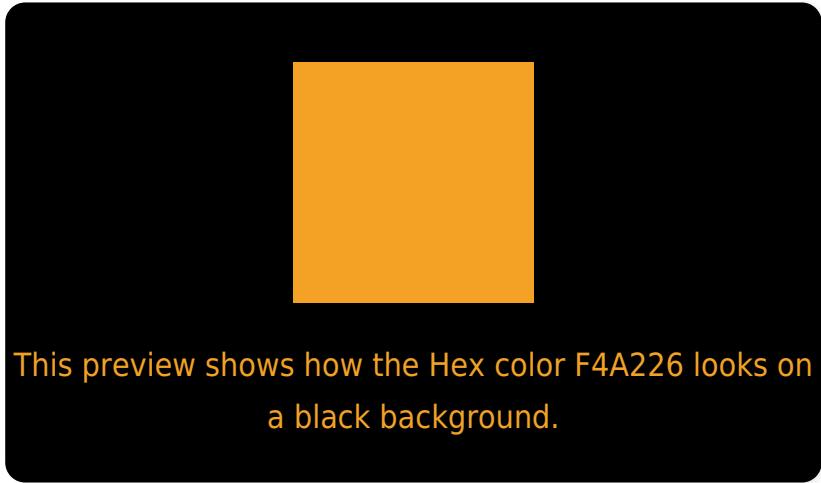
Large Text (above 18pt) WCAG AA × Fail

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 F4A226 Background



This preview shows how black text looks on a background with the Hex color F4A226.



This preview shows how white text looks on a background with the Hex color F4A226.

# 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**  
F4A226

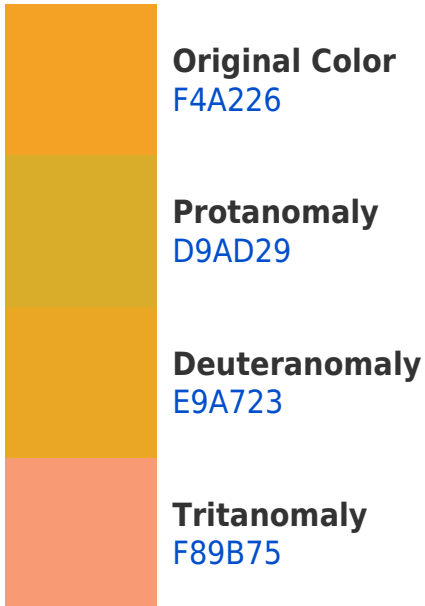
**Protanopia**  
CAB42B

**Deuteranopia**  
E3AA21

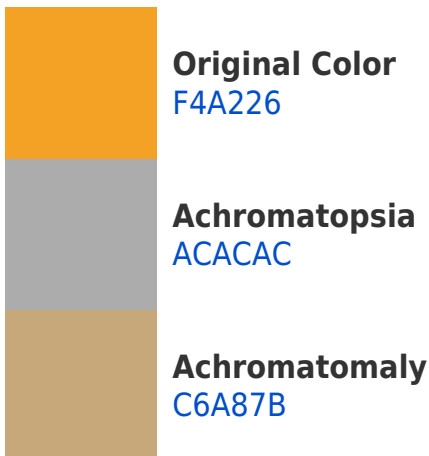


**Tritanopia**  
FB97A2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex F4A226 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 #F4A226 looks like.

```
.text, #text, p{  
    color:#F4A226  
}
```

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 #F4A226 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F4A226
}
```

## Border

The CSS property to change the border of an element to Hex F4A226 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
#F4A226 }
```

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

```
.border{ border-color:#F4A226 }
```

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

Here you see how a box with a 4 pixel #F4A226 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F4A226; -webkit-box-shadow:4px 4px  
4px 4px #F4A226; box-shadow:4px 4px 4px  
4px #F4A226 }
```

# Background

The CSS property to change the background color of an element to Hex F4A226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F4A226 }
```

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

```
.background{ background-color:#F4A226 }
```

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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