

# Converting Colors

Hex(F2AD23)

Have a look what the booklet for  
Hex(F2AD23) contains.

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**Color**

**Hex(F2AD23)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F2AD23
RGB	242, 173, 35
RGB Percent	95%, 68%, 14%
CMY	0.0510, 0.3216, 0.8627
CMYK	0.00, 0.29, 0.86, 0.05
HSL	40°, 89%, 54%
HSV	40°, 86%, 95%
XYZ	51.8649, 48.8857, 8.2924
YIQ	177.8990, 85.4220, -28.2900

# Conversions

## Conversions Part 2

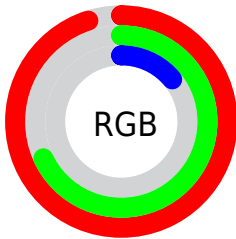
Format	Color
<a href="#">RYB</a>	<a href="#">139, 242, 35</a>
Decimal	<a href="#">15904035</a>
CIELab	<a href="#">75.38, 14.70, 72.78</a>
CIELCh	<a href="#">75, 74.247, 78.577</a>
Yxy	<a href="#">48.8857, 0.4756, 0.4483</a>
Android (android.graphics.Color)	<a href="#">4294094115</a> ( <a href="#">0xFFFF2AD23</a> )
YUV	<a href="#">177.8990, -70.4492, 56.2166</a>
Hunter-Lab	<a href="#">69.9183, 10.0529, 41.9109</a>

# Details

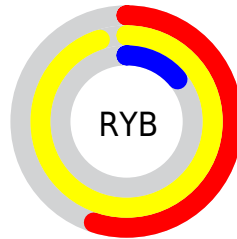
The Hex color **F2AD23** is a light color, and the websafe version is hex **CC9900**. The color can be described as light washed orange. A complement of this color would be **2368F2**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **FFE45F**, and **B47900** is the 20% darker color. If you saturate the color by 10%, you get **F2A50B**, and if you desaturate by 10%, it is **F2B53B**.

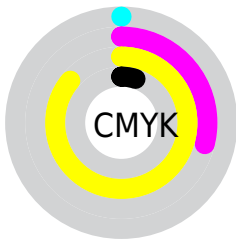
# Distribution



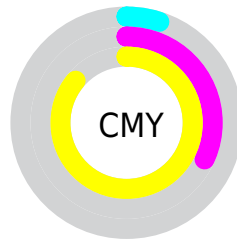
- Red (95%)
- Green (68%)
- Blue (14%)



- Red (55%)
- Yellow (95%)
- Blue (14%)



- Cyan (0%)
- Magenta (29%)
- Yellow (86%)
- Black (5%)



- Cyan (5%)
- Magenta (32%)
- Yellow (86%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F2AD23 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 F2AD23 by changing the saturation by 10% instead.



 F2AD23

 F2AD23

FFFFFF

 D39300

 FFE45F

 B47900

 FFFF7B

 966000

 FFFF97

 794900

 FFFFB3

 5C3200

 FFFFD0

 411D00

 FFFFED

 280700

 000000

 F2AD23

 F2AD23

 F2A50B

 F2B53B

 F2A100

 F2BD53

 F2C56C

 F2CD84

 F2D59C

 F2DDB4

 F2E5CC

 F2EEE5

 F2F6FD

# Harmonies

## Analogous

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



FF9154



F2AD23



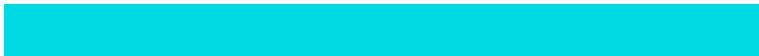
B4C323

# Triad

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



F2AD23



00DAE3



F294FF

# Complementary

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



F2AD23



2368F2

# 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.



86B2FF



F2AD23



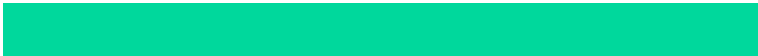
00D6FF

# Square

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



F2AD23



00D89C



00C9FF



FF7BD7

# Rectangle

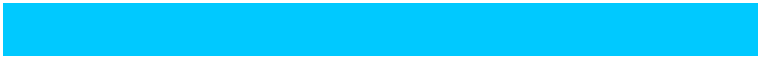
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



F2AD23



80CD45



00C9FF



D69FFF



# Sweetspot

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



F2AD23



FFE9BD



F22368



807258



000000



808080



# Same Dimension

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



F2AD23



FFAA00



CFF223



78746C



B87A00



382500



# Inverse Universe

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



2368F2



0055FF



4523F2



6C7078



003DB8



001338



# Previews

## White Background



This preview shows how the Hex color F2AD23 looks on a white background.

## Color Contrast Check

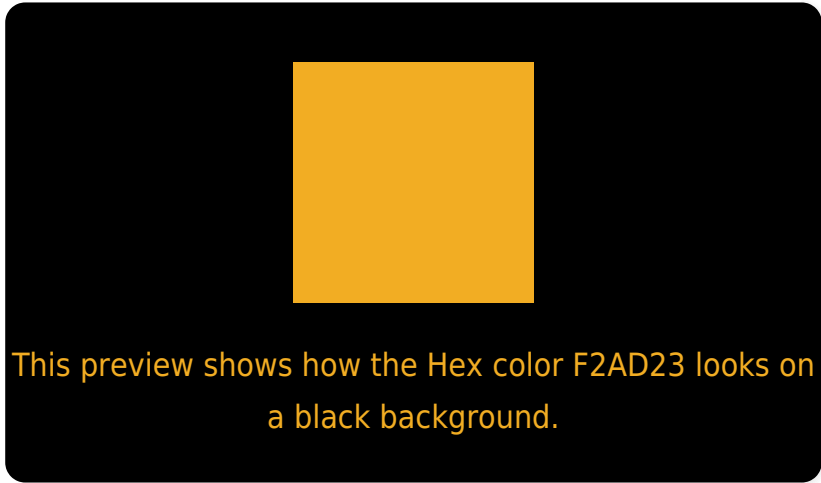
Large Text (above 18pt) WCAG AA × Fail

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 F2AD23 Background



This preview shows how black text looks on a background with the Hex color F2AD23.

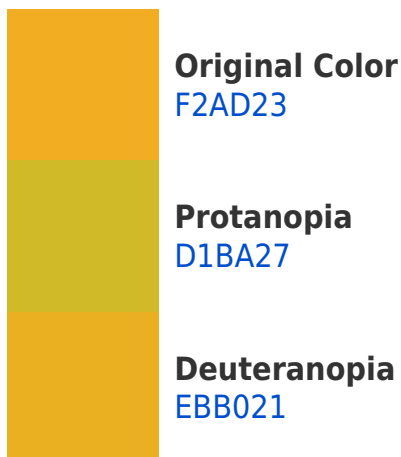


This preview shows how white text looks on a background with the Hex color F2AD23.

# Color Blindness Simulation

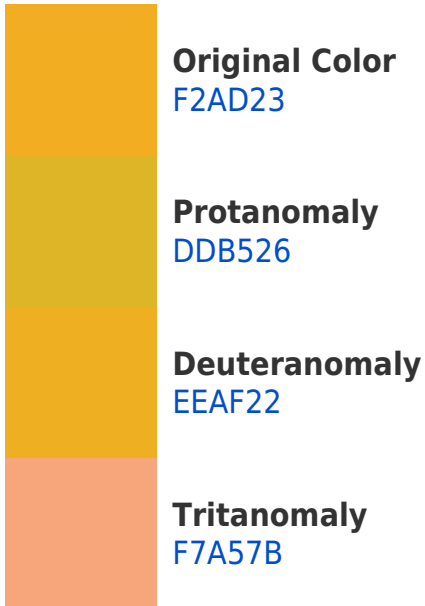
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex F2AD23 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 #F2AD23 looks like.

```
.text, #text, p{  
    color:#F2AD23  
}
```

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 #F2AD23 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F2AD23
}
```

## Border

The CSS property to change the border of an element to Hex F2AD23 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
#F2AD23 }
```

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

```
.border{ border-color:#F2AD23 }
```

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

Here you see how a box with a 4 pixel #F2AD23 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F2AD23; -webkit-box-shadow:4px 4px  
4px 4px #F2AD23; box-shadow:4px 4px 4px  
4px #F2AD23 }
```

# Background

The CSS property to change the background color of an element to Hex F2AD23 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F2AD23 }
```

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

```
.background{ background-color:#F2AD23 }
```

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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