

Converting Colors

Hex(F2AE38)

Have a look what the booklet for
Hex(F2AE38) contains.

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Color

Hex(F2AE38)

Conversions

Conversions Part 1

Format	Color
Hex	F2AE38
RGB	242, 174, 56
RGB Percent	95%, 68%, 22%
CMY	0.0510, 0.3176, 0.7804
CMYK	0.00, 0.28, 0.77, 0.05
HSL	38°, 88%, 58%
HSV	38°, 77%, 95%
XYZ	52.4678, 49.4349, 10.5179
YIQ	180.8800, 78.4060, -22.2820

Conversions

Conversions Part 2

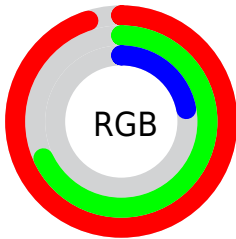
Format	Color
RYB	163, 242, 56
Decimal	15904312
CIELab	75.72, 14.81, 66.37
CIELCh	76, 68.005, 77.420
Yxy	49.4349, 0.4667, 0.4397
Android (android.graphics.Color)	4294094392 (0xFFFF2AE38)
YUV	180.8800, -61.5658, 53.6022
Hunter-Lab	70.3099, 10.1607, 40.3476

Details

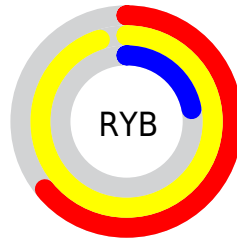
The Hex color **F2AE38** is a light color, and the websafe version is hex **CC9900**. The color can be described as light washed orange. A complement of this color would be **387CF2**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **FFE56F**, and **B57A00** is the 20% darker color. If you saturate the color by 10%, you get **F2A520**, and if you desaturate by 10%, it is **F2B750**.

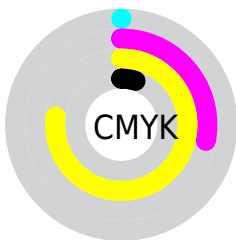
Distribution



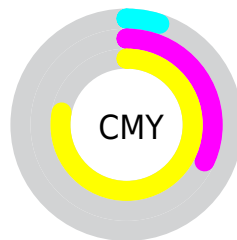
- Red (95%)
- Green (68%)
- Blue (22%)



- Red (64%)
- Yellow (95%)
- Blue (22%)



- Cyan (0%)
- Magenta (28%)
- Yellow (77%)
- Black (5%)



- Cyan (5%)
- Magenta (32%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color F2AE38 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 F2AE38 by changing the saturation by 10% instead.

 F2AE38

 F2AE38

FFFFFF

 D39318

 FFE56F

 B57A00

 FFFF8A

 976100

 FFFFA6

 7A4900

 FFFF C3

 5D3300

 FFFF DF

 421E00

FFFF FD

 280800

 000000

 F2AE38

 F2AE38

 F2A520

 F2B750

 F29C08

 F2C068

 F29A00

 F2C981

 F2D199

 F2DAB1

 F2E3C9

 F2ECE1

 F2F5FA

 F2FEFF

Harmonies

Analogous

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



FF9560



F2AE38



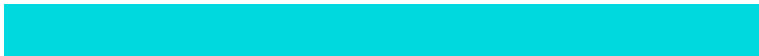
B9C337

Triad

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



F2AE38



00D9DE



EC9AFF

Complementary

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



F2AE38



387CF2

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.



8BB5FF



F2AE38



00D5FF

Square

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



F2AE38



00D79D



00C9FF



FF84D8

Rectangle

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



F2AE38



8BCC50



00C9FF



D2A3FF

Sweetspot

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



F2AE38



FFEAC4



F2387C



80725C



000000



808080

Same Dimension

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



F2AE38



FFA914



D9F238



78736C



B87400



382400

Inverse Universe

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



387CF2



146AFF



5138F2



6C7078



0043B8



001538

Previews

White Background



This preview shows how the Hex color F2AE38 looks on a white background.

Color Contrast Check

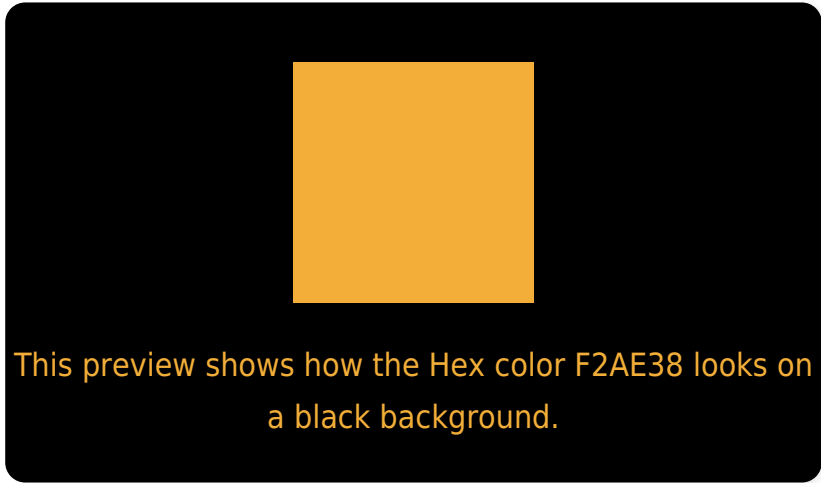
Large Text (above 18pt) WCAG AA × Fail

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 F2AE38 Background



This preview shows how black text looks on a background with the Hex color F2AE38.



This preview shows how white text looks on a background with the Hex color F2AE38.

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
F2AE38

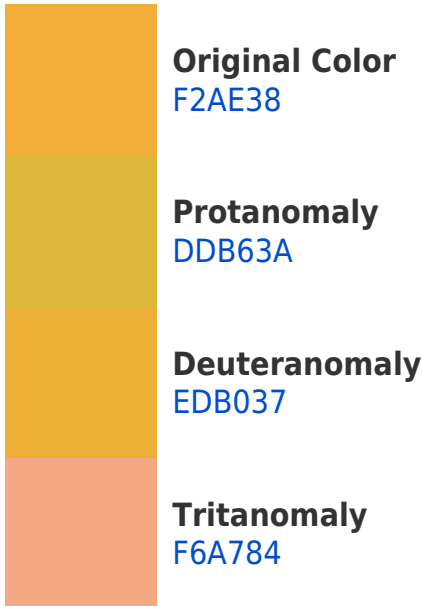
Protanopia
D1BB3B

Deuteranopia
EAB137



Tritanopia
F9A3AF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex F2AE38 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 #F2AE38 looks like.

```
.text, #text, p{  
    color:#F2AE38  
}
```

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 #F2AE38 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F2AE38
}
```

Border

The CSS property to change the border of an element to Hex F2AE38 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
#F2AE38 }
```

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

```
.border{ border-color:#F2AE38 }
```

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

Here you see how a box with a 4 pixel #F2AE38 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F2AE38; -webkit-box-shadow:4px 4px  
4px 4px #F2AE38; box-shadow:4px 4px 4px  
4px #F2AE38 }
```

Background

The CSS property to change the background color of an element to Hex F2AE38 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F2AE38 }
```

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

```
.background{ background-color:#F2AE38 }
```

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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