

Converting Colors

Hex(F9AD27)

Have a look what the booklet for
Hex(F9AD27) contains.

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Color

Hex(F9AD27)

Conversions

Conversions Part 1

Format	Color
Hex	F9AD27
RGB	249, 173, 39
RGB Percent	98%, 68%, 15%
CMY	0.0235, 0.3216, 0.8471
CMYK	0.00, 0.31, 0.84, 0.02
HSL	38°, 95%, 56%
HSV	38°, 84%, 98%
XYZ	54.3767, 50.1734, 8.7379
YIQ	180.4480, 88.3100, -25.5620

Conversions

Conversions Part 2

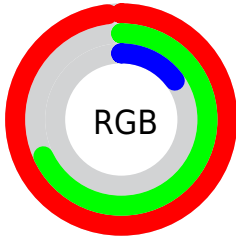
Format	Color
RYB	158, 249, 39
Decimal	16362791
CIELab	76.18, 17.77, 72.66
CIElCh	76, 74.797, 76.258
Yxy	50.1734, 0.4800, 0.4429
Android (android.graphics.Color)	4294552871 (0xFFF9AD27)
YUV	180.4480, -69.7339, 60.1201
Hunter-Lab	70.8332, 13.0716, 42.2692

Details

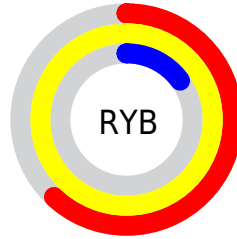
The Hex color **F9AD27** is a light color, and the websafe version is hex **FF9900**. The color can be described as light washed orange. A complement of this color would be **2773F9**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **FFE462**, and **BB7900** is the 20% darker color. If you saturate the color by 10%, you get **F9A40E**, and if you desaturate by 10%, it is **F9B640**.

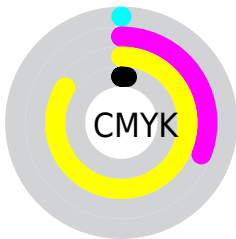
Distribution



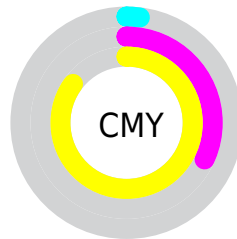
- Red (98%)
- Green (68%)
- Blue (15%)



- Red (62%)
- Yellow (98%)
- Blue (15%)



- Cyan (0%)
- Magenta (31%)
- Yellow (84%)
- Black (2%)



- Cyan (2%)
- Magenta (32%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color F9AD27 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 F9AD27 by changing the saturation by 10% instead.

 F9AD27

 F9AD27

FFFFFF

 DA9200

 FFE462

 BB7900

 FFFF7E

 9D6000

 FFFF9A

 7F4800

 FFFFB6

 623200

 FFFFD3

 461C00

 FFFFF0

 2C0700

 030000

 000000

 F9AD27

 F9AD27

 F9A40E

 F9B640

 F99F00

 F9BF59

 F9C872

 F9D18B

 F9DAA3

 F9E3BC

 F9ECD5

 F9F5EE

 F9FEFF

Harmonies

Analogous

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



FF905A



F9AD27



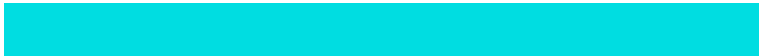
BBC421

Triad

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



F9AD27



00DDE1



EF99FF

Complementary

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



F9AD27



2773F9

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.



7BB7FF



F9AD27



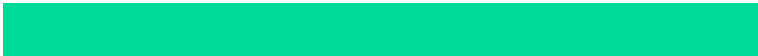
00D9FF

Square

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



F9AD27



00DB99



00CDFE



FF7EDF

Rectangle

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



F9AD27



89CF42



00CDFF



D1A3FF

Sweetspot

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



F9AD27



FFE8BF



F92774



807259



000000



808080

Same Dimension

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



F9AD27



FFA300



DDF927



7D7870



BD7800



3D2700

Inverse Universe

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



2773F9



005CFF



4327F9



70757D



0044BD



00163D

Previews

White Background



This preview shows how the Hex color F9AD27 looks on a white background.

Color Contrast Check

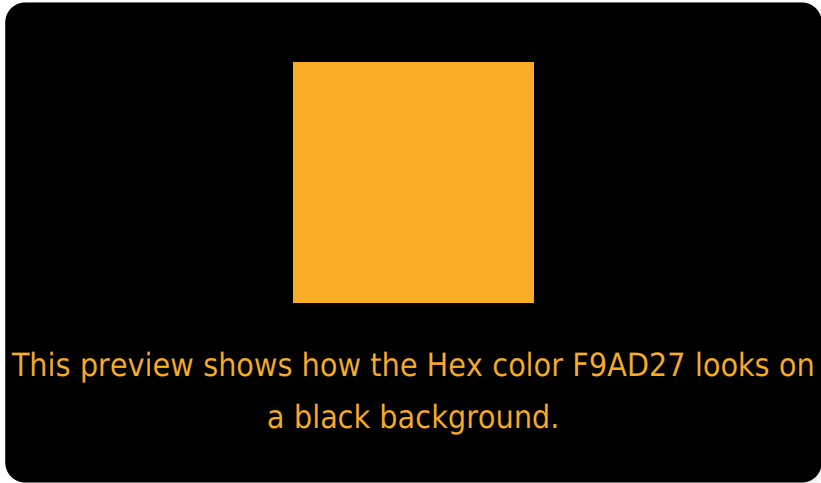
Large Text (above 18pt) WCAG AA × Fail

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 F9AD27 Background



This preview shows how black text looks on a background with the Hex color F9AD27.



This preview shows how white text looks on a background with the Hex color F9AD27.

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
F9AD27

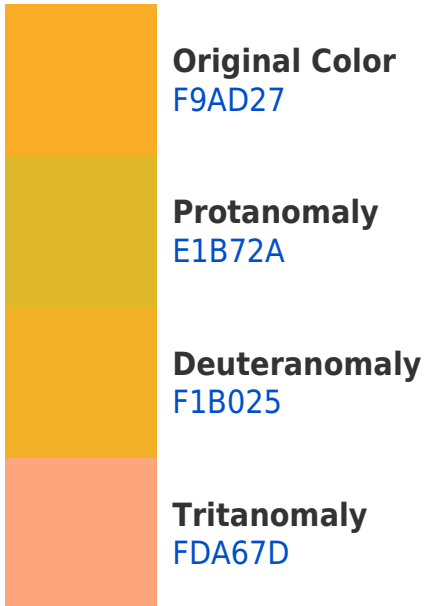
Protanopia
D4BD2B

Deuteranopia
EDB224



Tritanopia
FFA2AE

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex F9AD27 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 #F9AD27 looks like.

```
.text, #text, p{  
    color:#F9AD27  
}
```

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 #F9AD27 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F9AD27
}
```

Border

The CSS property to change the border of an element to Hex F9AD27 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
#F9AD27 }
```

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

```
.border{ border-color:#F9AD27 }
```

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

Here you see how a box with a 4 pixel #F9AD27 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F9AD27; -webkit-box-shadow:4px 4px  
4px 4px #F9AD27; box-shadow:4px 4px 4px  
4px #F9AD27 }
```

Background

The CSS property to change the background color of an element to Hex F9AD27 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F9AD27 }
```

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

```
.background{ background-color:#F9AD27 }
```

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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