

Converting Colors

Hex(F2A945)

Have a look what the booklet for
Hex(F2A945) contains.

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Color

Hex(F2A945)

Conversions

Conversions Part 1

Format	Color
Hex	F2A945
RGB	242, 169, 69
RGB Percent	95%, 66%, 27%
CMY	0.0510, 0.3373, 0.7294
CMYK	0.00, 0.30, 0.71, 0.05
HSL	35°, 87%, 61%
HSV	35°, 71%, 95%
XYZ	51.8801, 47.6829, 12.0996
YIQ	179.4270, 75.6080, -15.6240

Conversions

Conversions Part 2

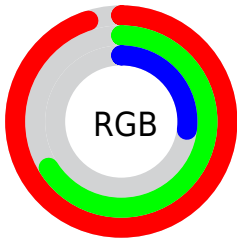
Format	Color
RYB	195, 242, 69
Decimal	15903045
CIELab	74.62, 18.00, 60.10
CIELCh	75, 62.734, 73.324
Yxy	47.6829, 0.4646, 0.4270
Android (android.graphics.Color)	4294093125 (0xFFFF2A945)
YUV	179.4270, -54.4405, 54.8765
Hunter-Lab	69.0528, 13.2666, 37.9480

Details

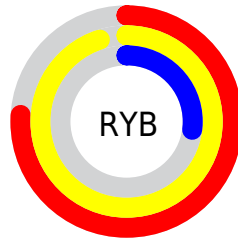
The Hex color **F2A945** is a light color, and the websafe version is hex **CC9933**. The color can be described as light washed orange. A complement of this color would be **458EF2**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **FFE07A**, and **B57506** is the 20% darker color. If you saturate the color by 10%, you get **F29F2D**, and if you desaturate by 10%, it is **F2B35D**.

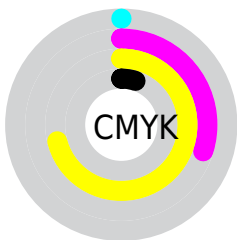
Distribution



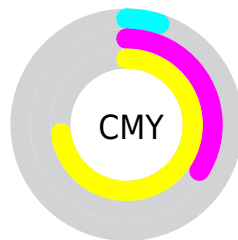
- Red (95%)
- Green (66%)
- Blue (27%)



- Red (76%)
- Yellow (95%)
- Blue (27%)



- Cyan (0%)
- Magenta (30%)
- Yellow (71%)
- Black (5%)



- Cyan (5%)
- Magenta (34%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color F2A945 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 F2A945 by changing the saturation by 10% instead.

 F2A945

 F2A945

FFFFFF

 D38F2A

 FFE07A

 B57506

 FFFD95

 975C00

 FFFFFB1

 7B4500

 FFFFCD

 5E2E00

 FFFFEA

 421900

 290200

 000000

 F2A945

 F2A945

 F29F2D

 F2B35D

 F29515

 F2BD75

 F28C00

 F2C88E

 F2D2A6

 F2DCBE

 F2E6D6

 F2F0EE

 F2FBFF

 F2FFFF

Harmonies

Analogous

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



FF936B



F2A945



BFBD3F

Triad

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



F2A945



00D4D0



DC9EFF

Complementary

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



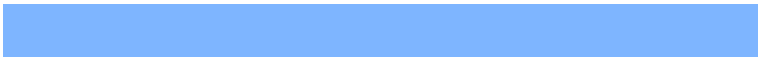
F2A945



458EF2

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.



7EB5FF



F2A945



00D1FF

Square

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



F2A945



00D294



00C7FF



FF89DA

Rectangle

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



F2A945



96C751



00C7FF



C3A6FF

Sweetspot

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



F2A945



FFE8C9



F24590



807260



000000



808080

Same Dimension

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



F2A945



FFA224



E6F245



78736C



B86A00



382000

Inverse Universe

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



458EF2



2480FF



5145F2



6C7178



004DB8



001838

Previews

White Background



This preview shows how the Hex color F2A945 looks on a white background.

Color Contrast Check

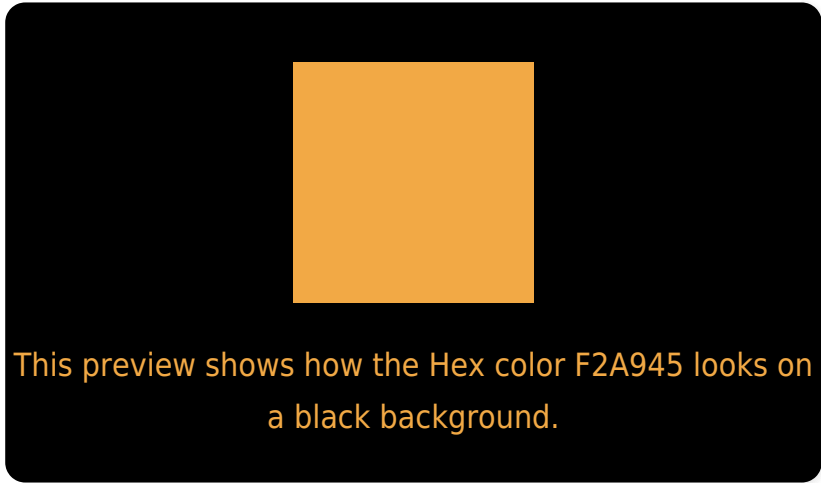
Large Text (above 18pt) WCAG AA × Fail

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 F2A945 Background



This preview shows how black text looks on a background with the Hex color F2A945.



This preview shows how white text looks on a background with the Hex color F2A945.

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
F2A945

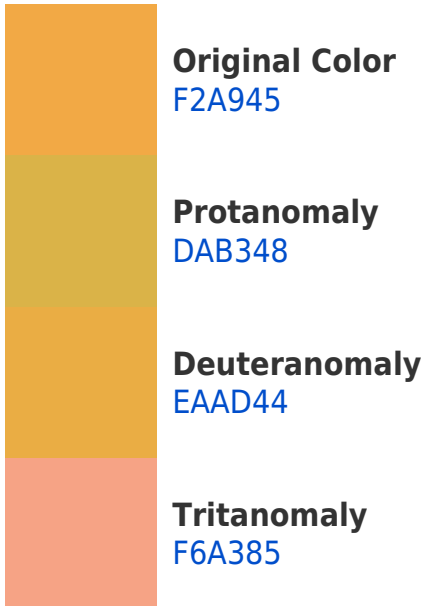
Protanopia
CDB849

Deuteranopia
E6AF43

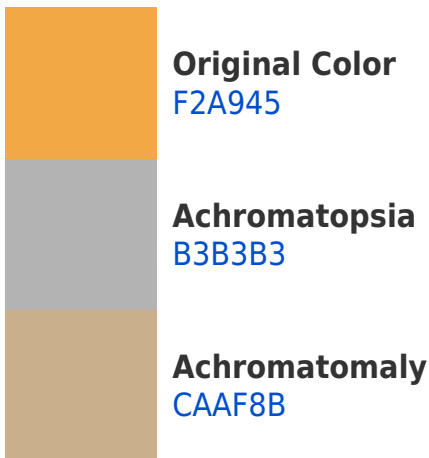


Tritanopia
F99FAA

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex F2A945 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 #F2A945 looks like.

```
.text, #text, p{  
    color:#F2A945  
}
```

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 #F2A945 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F2A945
}
```

Border

The CSS property to change the border of an element to Hex F2A945 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
#F2A945 }
```

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

```
.border{ border-color:#F2A945 }
```

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

Here you see how a box with a 4 pixel #F2A945 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F2A945; -webkit-box-shadow:4px 4px  
4px 4px #F2A945; box-shadow:4px 4px 4px  
4px #F2A945 }
```

Background

The CSS property to change the background color of an element to Hex F2A945 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F2A945 }
```

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

```
.background{ background-color:#F2A945 }
```

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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