

Converting Colors

Hex(FB942F)

Have a look what the booklet for
Hex(FB942F) contains.

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Color

Hex(FB942F)

Conversions

Conversions Part 1

Format	Color
Hex	FB942F
RGB	251, 148, 47
RGB Percent	98%, 58%, 18%
CMY	0.0157, 0.4196, 0.8157
CMYK	0.00, 0.41, 0.81, 0.02
HSL	30°, 96%, 58%
HSV	30°, 81%, 98%
XYZ	50.8867, 41.8943, 8.0937
YIQ	167.2830, 93.8090, -9.5750

Conversions

Conversions Part 2

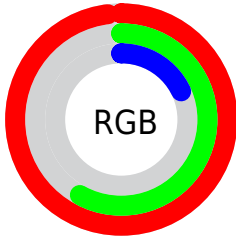
Format	Color
R _Y B	251, 247, 47
Decimal	16487471
CIE Lab	70.80, 31.87, 65.56
CIE LCh	71, 72.895, 64.074
Yxy	41.8943, 0.5045, 0.4153
Android (android.graphics.Color)	4294677551 (0xFFFB942F)
YUV	167.2830, -59.2995, 73.4198
Hunter-Lab	64.7258, 27.0645, 37.8941

Details

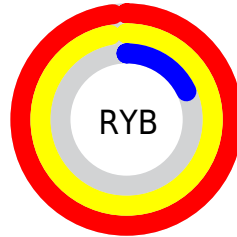
The Hex color **FB942F** is a dark color, and the websafe version is hex **FF9933**. The color can be described as middle washed orange. A complement of this color would be **2F96FB**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **FFCB65**, and **BC6000** is the 20% darker color. If you saturate the color by 10%, you get **FB8716**, and if you desaturate by 10%, it is **FBA148**.

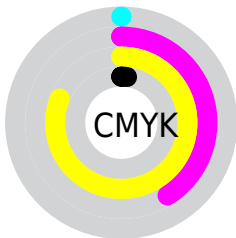
Distribution



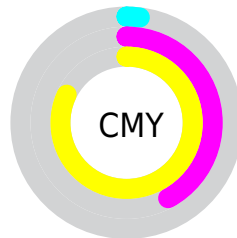
- Red (98%)
- Green (58%)
- Blue (18%)



- Red (98%)
- Yellow (97%)
- Blue (18%)



- Cyan (0%)
- Magenta (41%)
- Yellow (81%)
- Black (2%)



- Cyan (2%)
- Magenta (42%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color FB942F 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 FB942F by changing the saturation by 10% instead.

 FB942F

 FB942F

FFFFFF

 DB7A0D

 FFCB65

 BC6000

 FFE780

 9E4800

 FFFF9C

 7F3000

 FFFFB8

 621800

 FFFFD4

 450000

 FFFFF1

 2D0001

 000000

 FB942F

 FB942F

 FB8716

 FBA148

 FB7C00

 FBAD61

 FBBA7A

 FBC793

 FBD3AD

 FBE0C6

 FBEDDF

 FBF9F8

 FBFFFF

Harmonies

Analogous

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



FF7867



FB942F



C6AD04

Triad

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



FB942F



00CCB5



B998FF

Complementary

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



FB942F



2F96FB

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.



00B2FF



FB942F



00CBF6

Square

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



FB942F



00C870



00C3FF



FF7AE9

Rectangle

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



FB942F



9ABA20



00C3FF



93A1FF

Sweetspot

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



FB942F



FFE0C2



FB2F98



806D5B



000000



808080

Same Dimension

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



FB942F



FF8105



FBF82F



7D7770



BD5D00



3D1E00

Inverse Universe

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



2F96FB



0583FF



2F32FB



70777D



005FBD



001F3D

Previews

White Background



This preview shows how the Hex color FB942F looks on a white background.

Color Contrast Check

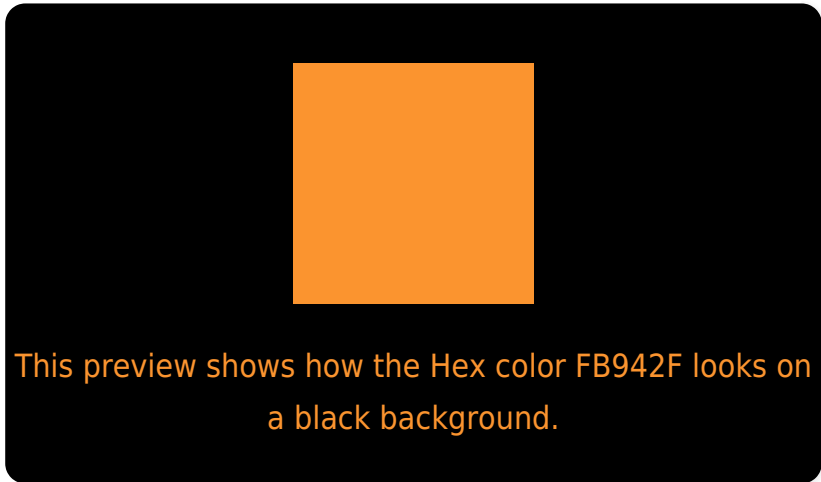
Large Text (above 18pt) WCAG AA × Fail

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 FB942F Background



This preview shows how black text looks on a background with the Hex color FB942F.

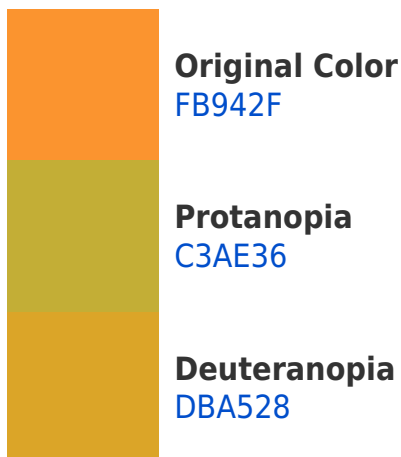


This preview shows how white text looks on a background with the Hex color FB942F.

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](#).

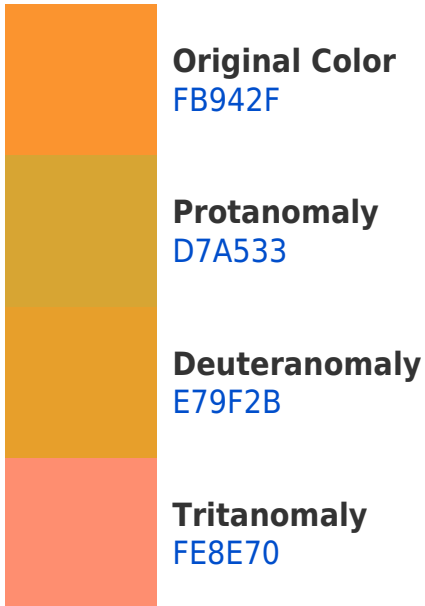
Dichromacy



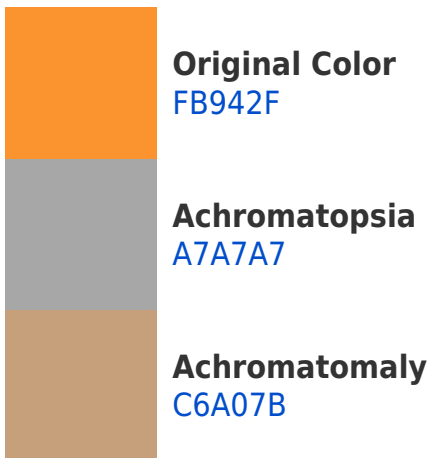


Tritanopia
FF8B95

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex FB942F 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 #FB942F looks like.

```
.text, #text, p{  
    color:#FB942F  
}
```

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 #FB942F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FB942F
}
```

Border

The CSS property to change the border of an element to Hex FB942F 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
#FB942F }
```

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

```
.border{ border-color:#FB942F }
```

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

Here you see how a box with a 4 pixel #FB942F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FB942F; -webkit-box-shadow:4px 4px  
4px 4px #FB942F; box-shadow:4px 4px 4px  
4px #FB942F }
```

Background

The CSS property to change the background color of an element to Hex FB942F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FB942F }
```

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

```
.background{ background-color:#FB942F }
```

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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