

Converting Colors

Hex(FB961A)

Have a look what the booklet for
Hex(FB961A) contains.

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Color

Hex(FB961A)

Conversions

Conversions Part 1

Format	Color
Hex	FB961A
RGB	251, 150, 26
RGB Percent	98%, 59%, 10%
CMY	0.0157, 0.4118, 0.8980
CMYK	0.00, 0.40, 0.90, 0.02
HSL	33°, 97%, 54%
HSV	33°, 90%, 98%
XYZ	50.8765, 42.3965, 6.4791
YIQ	166.0630, 100.0000, -17.1520

Conversions

Conversions Part 2

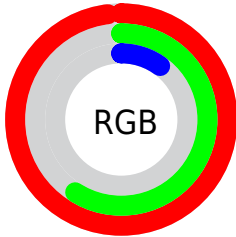
Format	Color
R _Y B	209, 251, 26
Decimal	16487962
CIE Lab	71.14, 30.35, 72.17
CIE LCh	71, 78.289, 67.188
Yxy	42.3965, 0.5100, 0.4250
Android (android.graphics.Color)	4294678042 (0xFFFB961A)
YUV	166.0630, -69.0511, 74.4897
Hunter-Lab	65.1126, 25.5259, 39.6791

Details

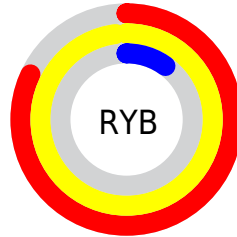
The Hex color **FB961A** is a dark color, and the websafe version is hex **FF9900**. The color can be described as middle washed orange. A complement of this color would be **1A7FFB**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **FFCD57**, and **BC6200** is the 20% darker color. If you saturate the color by 10%, you get **FB8B01**, and if you desaturate by 10%, it is **FBA133**.

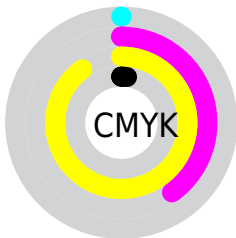
Distribution



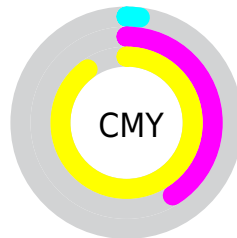
- Red (98%)
- Green (59%)
- Blue (10%)



- Red (82%)
- Yellow (98%)
- Blue (10%)



- Cyan (0%)
- Magenta (40%)
- Yellow (90%)
- Black (2%)



- Cyan (2%)
- Magenta (41%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Hex color FB961A 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 FB961A by changing the saturation by 10% instead.

 FB961A

 FB961A

FFFFFF

 DB7C00

 FFCD57

 BC6200

 FFE972

 9D4A00

 FFFF8E

 7F3200

 FFFFAA

 611B00

 FFFFC7

 450200

 FFFF E4

 2D0001

 000000

 FB961A

 FB961A

 FB8B01

 FBA133

 FB8A00

 FBAD4C

 FBB865

 FBC37E

 FBCE97

 FBDAB1

 FBE5CA

 FBF0E3

 FBFBFC

Harmonies

Analogous

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



FF765C



FB961A



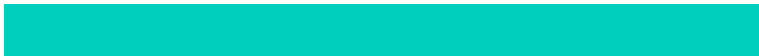
COB000

Triad

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



FB961A



00CFBE



C593FF

Complementary

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



FB961A



1A7FFB

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.



00B1FF



FB961A



00CDFF

Square

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



FB961A



00CB74



00C4FF



FF72E7

Rectangle

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



FB961A



90BD11



00C4FF



9E9EFF

Sweetspot

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



FB961A



FFE0BA



FB1A7F



806D57



000000



808080

Same Dimension

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



FB961A



FF8D00



F0FB1A



7D7770



BD6800



3D2200

Inverse Universe

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



1A7FFB



0072FF



251AFB



70767D



0055BD



001B3D

Previews

White Background



This preview shows how the Hex color FB961A looks on a white background.

Color Contrast Check

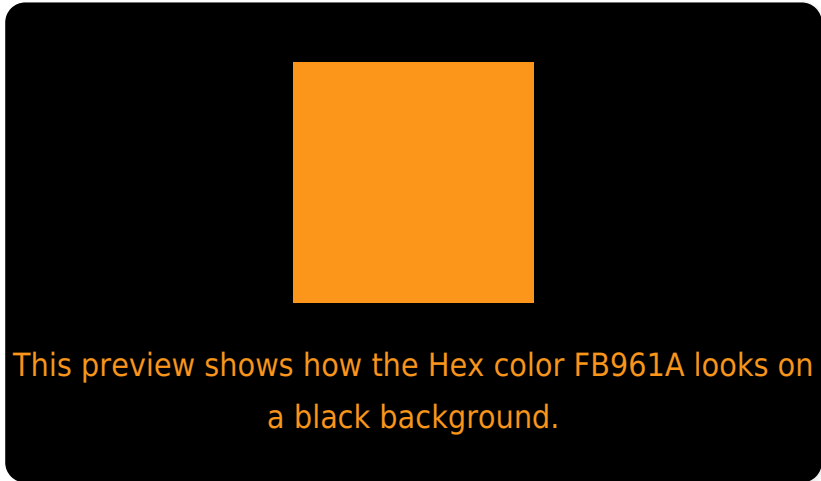
Large Text (above 18pt) WCAG AA × Fail

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 FB961A Background



This preview shows how black text looks on a background with the Hex color FB961A.



This preview shows how white text looks on a background with the Hex color FB961A.

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
FB961A

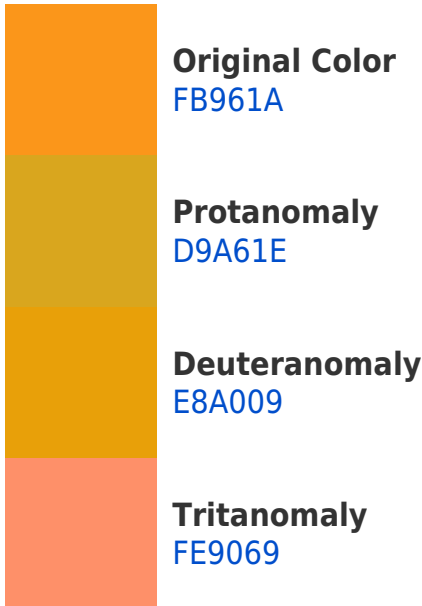
Protanopia
C5AF21

Deuteranopia
DDA600



Tritanopia
FF8D96

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex FB961A 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 #FB961A looks like.

```
.text, #text, p{  
    color:#FB961A  
}
```

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 #FB961A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FB961A
}
```

Border

The CSS property to change the border of an element to Hex FB961A 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
#FB961A }
```

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

```
.border{ border-color:#FB961A }
```

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

Here you see how a box with a 4 pixel #FB961A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FB961A; -webkit-box-shadow:4px 4px  
4px 4px #FB961A; box-shadow:4px 4px 4px  
4px #FB961A }
```

Background

The CSS property to change the background color of an element to Hex FB961A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FB961A }
```

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

```
.background{ background-color:#FB961A }
```

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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