

Converting Colors

Hex(FB9929)

Have a look what the booklet for
Hex(FB9929) contains.

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Color

Hex(FB9929)

Conversions

Conversions Part 1

Format	Color
Hex	FB9929
RGB	251, 153, 41
RGB Percent	98%, 60%, 16%
CMY	0.0157, 0.4000, 0.8392
CMYK	0.00, 0.39, 0.84, 0.02
HSL	32°, 96%, 57%
HSV	32°, 84%, 98%
XYZ	51.5751, 43.4518, 7.7665
YIQ	169.5340, 94.3600, -14.0560

Conversions

Conversions Part 2

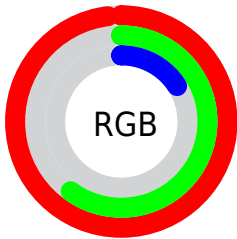
Format	Color
R _Y B	225, 251, 41
Decimal	16488745
CIE Lab	71.86, 29.11, 68.54
CIE LCh	72, 74.466, 66.986
Yxy	43.4518, 0.5017, 0.4227
Android (android.graphics.Color)	4294678825 (0xFFFB9929)
YUV	169.5340, -63.3673, 71.4457
Hunter-Lab	65.9180, 24.3044, 39.1569

Details

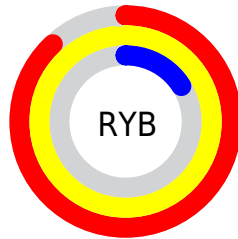
The Hex color **FB9929** is a dark color, and the websafe version is hex **FF9933**. The color can be described as middle washed orange. A complement of this color would be **298BFB**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **FFD061**, and **BC6500** is the 20% darker color. If you saturate the color by 10%, you get **FB8D10**, and if you desaturate by 10%, it is **FBA542**.

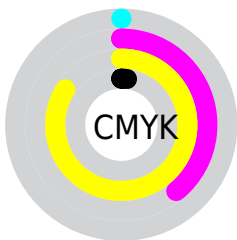
Distribution



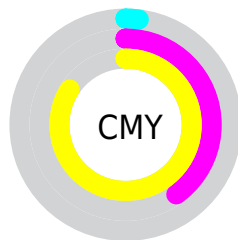
- Red (98%)
- Green (60%)
- Blue (16%)



- Red (88%)
- Yellow (98%)
- Blue (16%)



- Cyan (0%)
- Magenta (39%)
- Yellow (84%)
- Black (2%)



- Cyan (2%)
- Magenta (40%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color FB9929 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 FB9929 by changing the saturation by 10% instead.

 FB9929

 FB9929

FFFFFF

 DB7F00

 FFD061

 BC6500

 FFEC7C

 9E4D00

 FFFF98

 7F3500

 FFFFB4

 621E00

 FFFFD1

 460500

 FFFFEE

 2D0000

 000000

 FB9929

 FB9929

 FB8D10

 FBA542

 FB8600

 FBB05B

 FBBC74

 FBC88D

 FBD4A6

 FBDFC0

 FBEBD9

 FBF7F2

 FBFFFF

Harmonies

Analogous

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



FF7C62



FB9929



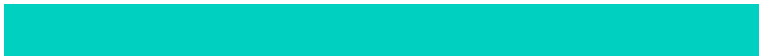
C3B200

Triad

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



FB9929



00D0BF



C697FF

Complementary

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



FB9929



298BFB

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.



00B3FF



FB9929



00CEFF

Square

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



FB9929



00CC78



00C5FF



FF78E7

Rectangle

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



FB9929



95BE24



00C5FF



A2A1FF

Sweetspot

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



FB9929



FFE1BF



FB298B



806E59



000000



808080

Same Dimension

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



FB9929



FF8800



F4FB29



7D7770



BD6500



3D2100

Inverse Universe

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



298BFB



0077FF



3029FB



70767D



0058BD



001D3D

Previews

White Background



This preview shows how the Hex color FB9929 looks on a white background.

Color Contrast Check

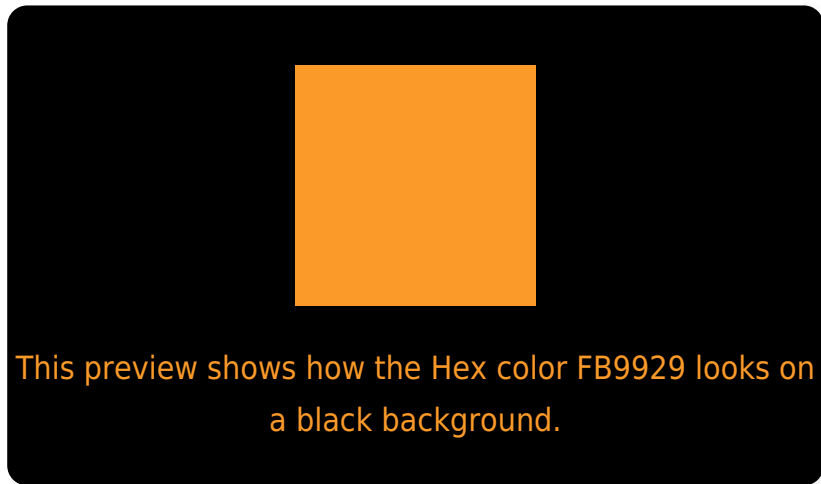
Large Text (above 18pt) WCAG AA × Fail

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 FB9929 Background



This preview shows how black text looks on a background with the Hex color FB9929.



This preview shows how white text looks on a background with the Hex color FB9929.

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
FB9929

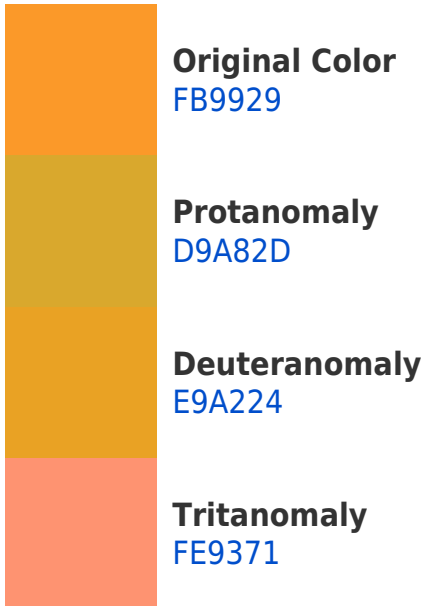
Protanopia
C6B12F

Deuteranopia
DFA721

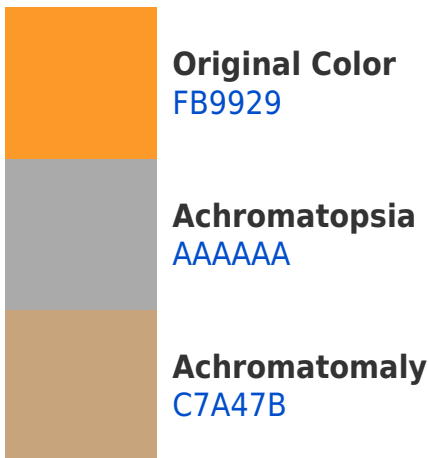


Tritanopia
FF909A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex FB9929 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 #FB9929 looks like.

```
.text, #text, p{  
    color:#FB9929  
}
```

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 #FB9929 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FB9929
}
```

Border

The CSS property to change the border of an element to Hex FB9929 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
#FB9929 }
```

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

```
.border{ border-color:#FB9929 }
```

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

Here you see how a box with a 4 pixel #FB9929 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FB9929; -webkit-box-shadow:4px 4px  
4px 4px #FB9929; box-shadow:4px 4px 4px  
4px #FB9929 }
```

Background

The CSS property to change the background color of an element to Hex FB9929 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FB9929 }
```

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

```
.background{ background-color:#FB9929 }
```

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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