

Converting Colors

Hex(FB9A23)

Have a look what the booklet for
Hex(FB9A23) contains.

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Color

Hex(FB9A23)

Conversions

Conversions Part 1

Format	Color
Hex	FB9A23
RGB	251, 154, 35
RGB Percent	98%, 60%, 14%
CMY	0.0157, 0.3961, 0.8627
CMYK	0.00, 0.39, 0.86, 0.02
HSL	33°, 96%, 56%
HSV	33°, 86%, 98%
XYZ	51.6426, 43.7418, 7.3113
YIQ	169.4370, 96.0110, -16.4450

Conversions

Conversions Part 2

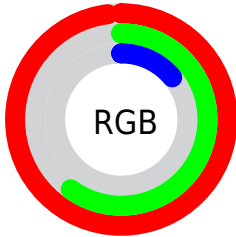
Format	Color
RYB	211, 251, 35
Decimal	16488995
CIELab	72.06, 28.45, 70.53
CIElCh	72, 76.051, 68.032
Yxy	43.7418, 0.5029, 0.4259
Android (android.graphics.Color)	4294679075 (0xFFFB9A23)
YUV	169.4370, -66.2774, 71.5308
Hunter-Lab	66.1376, 23.6386, 39.7420

Details

The Hex color **FB9A23** 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 **2384FB**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **FFD15D**, and **BC6600** is the 20% darker color. If you saturate the color by 10%, you get **FB8F0A**, and if you desaturate by 10%, it is **FBA53C**.

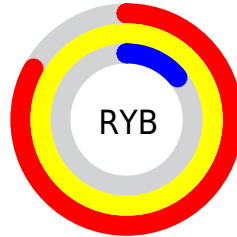
Distribution



Red (98%)

Green (60%)

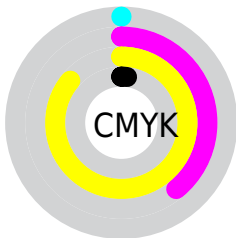
Blue (14%)



Red (83%)

Yellow (98%)

Blue (14%)

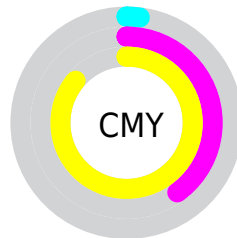


Cyan (0%)

Magenta (39%)

Yellow (86%)

Black (2%)



Cyan (2%)

Magenta (40%)

Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color FB9A23 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 FB9A23 by changing the saturation by 10% instead.

 FB9A23

 FB9A23

FFFFFF

 DB8000

 FFD15D

 BC6600

 FFED78

 9E4E00

 FFFF94

 7F3600

 FFFFB0

 621F00

 FFFFCD

 460700

 FFFFEA

 2D0000

 000000

 FB9A23

 FB9A23

 FB8F0A

 FBA53C

 FB8A00

 FBB155

 FBBC6E

 FBC787

 FBD2A1

 FBDEBA

 FBE9D3

 FBF4EC

 FBFFFF

Harmonies

Analogous

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



FF7C5E



FB9A23



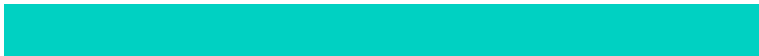
C1B300

Triad

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



FB9A23



00D1C2



CB96FF

Complementary

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



FB9A23



2384FB

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



FB9A23



00CFFF

Square

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



FB9A23



00CD7A



00C6FF



FF76E6

Rectangle

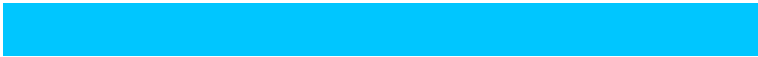
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FB9A23



92C021



00C6FF



A6A0FF

Sweetspot

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



FB9A23



FFE1BD



FB2384



806E58



000000



808080

Same Dimension

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



FB9A23



FF8C00



F0FB23



7D7770



BD6800



3D2200

Inverse Universe

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



2384FB



0073FF



2E23FB



70767D



0055BD



001B3D

Previews

White Background



This preview shows how the Hex color FB9A23 looks on a white background.

Color Contrast Check

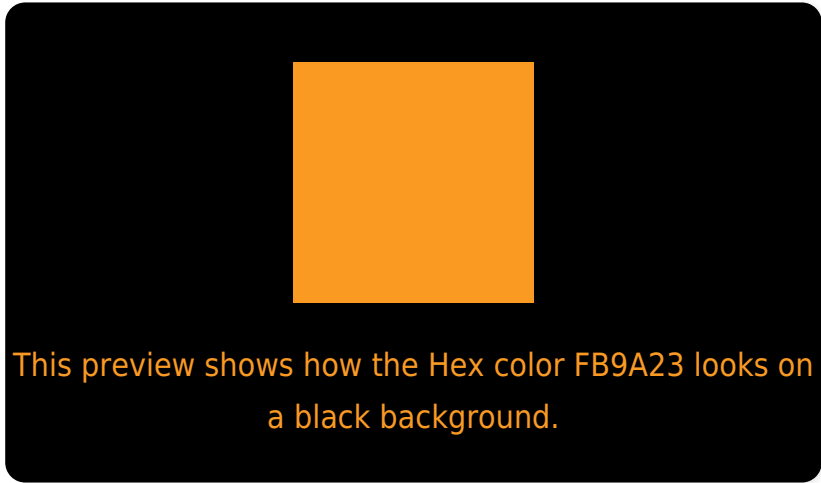
Large Text (above 18pt) WCAG AA × Fail

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 FB9A23 Background



This preview shows how black text looks on a background with the Hex color FB9A23.

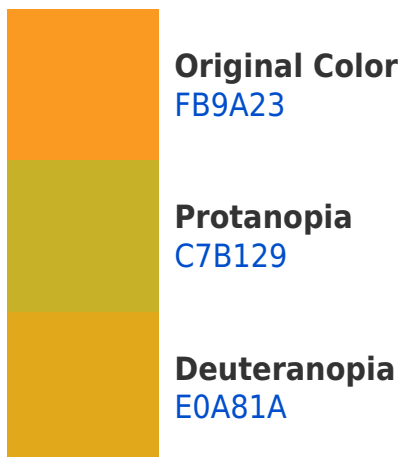


This preview shows how white text looks on a background with the Hex color FB9A23.

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](#).

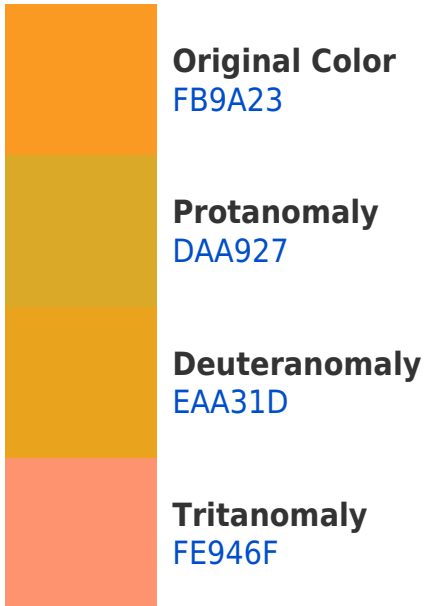
Dichromacy





Tritanopia
FF919B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex FB9A23 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 #FB9A23 looks like.

```
.text, #text, p{  
    color:#FB9A23  
}
```

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 #FB9A23 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FB9A23
}
```

Border

The CSS property to change the border of an element to Hex FB9A23 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
#FB9A23 }
```

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

```
.border{ border-color:#FB9A23 }
```

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

Here you see how a box with a 4 pixel #FB9A23 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FB9A23; -webkit-box-shadow:4px 4px  
4px 4px #FB9A23; box-shadow:4px 4px 4px  
4px #FB9A23 }
```

Background

The CSS property to change the background color of an element to Hex FB9A23 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FB9A23 }
```

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

```
.background{ background-color:#FB9A23 }
```

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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