

Converting Colors

Hex(FBA62B)

Have a look what the booklet for
Hex(FBA62B) contains.

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Color

Hex(FBA62B)

Conversions

Conversions Part 1

Format	Color
Hex	FBA62B
RGB	251, 166, 43
RGB Percent	98%, 65%, 17%
CMY	0.0157, 0.3490, 0.8314
CMYK	0.00, 0.34, 0.83, 0.02
HSL	35°, 96%, 58%
HSV	35°, 83%, 98%
XYZ	53.8559, 47.9561, 8.7034
YIQ	177.3930, 90.1430, -20.2330

Conversions

Conversions Part 2

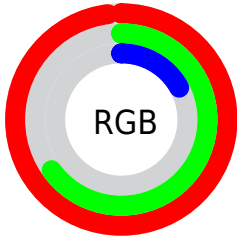
Format	Color
RYB	187, 251, 43
Decimal	16492075
CIELab	74.80, 22.38, 70.39
CIELCh	75, 73.865, 72.363
Yxy	47.9561, 0.4873, 0.4339
Android (android.graphics.Color)	4294682155 (0xFFFBA62B)
YUV	177.3930, -66.2557, 64.5533
Hunter-Lab	69.2503, 17.6312, 41.0236

Details

The Hex color **FBA62B** is a light color, and the websafe version is hex **FF9933**. The color can be described as light washed orange. A complement of this color would be **2B80FB**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **FFDD64**, and **BD7200** is the 20% darker color. If you saturate the color by 10%, you get **FB9C12**, and if you desaturate by 10%, it is **FBB044**.

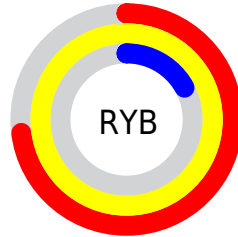
Distribution



Red (98%)

Green (65%)

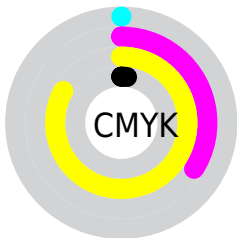
Blue (17%)



Red (73%)

Yellow (98%)

Blue (17%)

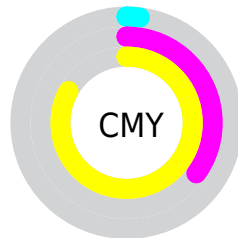


Cyan (0%)

Magenta (34%)

Yellow (83%)

Black (2%)



Cyan (2%)

Magenta (35%)

Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color FBA62B 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 FBA62B by changing the saturation by 10% instead.

 FBA62B

 FBA62B

FFFFFF

 DC8C00

 FFDD64

 BD7200

 FFFA80

 9E5900

 FFFF9B

 804200

 FFFFB8

 632B00

 FFFFD4

 471500

 FFFFF2

 2D0000

 000000

 FBA62B

 FBA62B

 FB9C12

 FBB044

 FB9400

 FB9B5D

 FBC576

 FBCF8F

 FBD9A9

 FBE4C2

 FBEEDB

 FBF8F4

 FBFFFF

Harmonies

Analogous

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



FF8A5F



FBA62B



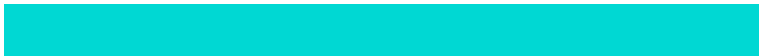
COBE1B

Triad

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



FBA62B



00D8D3



DF99FF

Complementary

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



FBA62B



2B80FB

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.



5FB6FF



FBA62B



00D5FF

Square

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



FBA62B



00D68C



00CBFF



FF7DE3

Rectangle

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



FBA62B



90C939



00CBFF



BFA4FF

Sweetspot

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



FBA62B



FFE5BF



FB2B82



807059



000000



808080

Same Dimension

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



FBA62B



FF9803



EAFB2B



7D7870



BD7000



3D2400

Inverse Universe

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



2B80FB



036AFF



3C2BFB



70767D



004DBD



00193D

Previews

White Background



This preview shows how the Hex color FBA62B looks on a white background.

Color Contrast Check

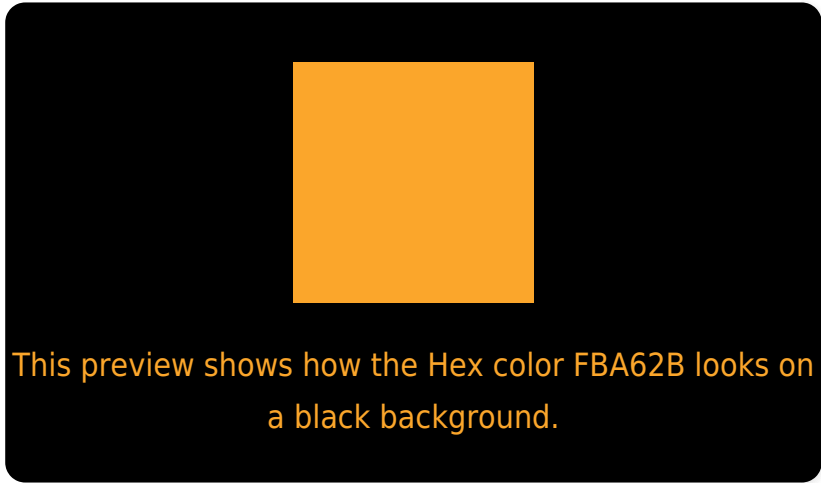
Large Text (above 18pt) WCAG AA × Fail

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 FBA62B Background



This preview shows how black text looks on a background with the Hex color FBA62B.



This preview shows how white text looks on a background with the Hex color FBA62B.

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
FBA62B

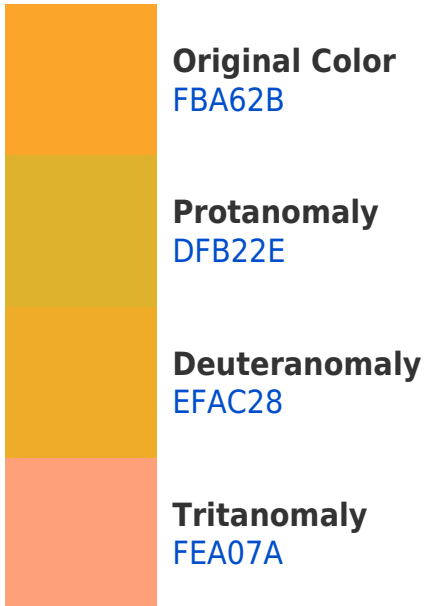
Protanopia
CFB930

Deuteranopia
E8AF26

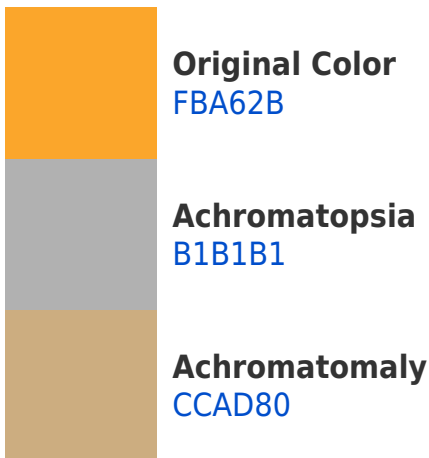


Tritanopia
FF9CA7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex FBA62B 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 #FBA62B looks like.

```
.text, #text, p{  
    color:#FBA62B  
}
```

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 #FBA62B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FBA62B
}
```

Border

The CSS property to change the border of an element to Hex FBA62B 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
#FBA62B }
```

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

```
.border{ border-color:#FBA62B }
```

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

Here you see how a box with a 4 pixel #FBA62B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FBA62B; -webkit-box-shadow:4px 4px  
4px 4px #FBA62B; box-shadow:4px 4px 4px  
4px #FBA62B }
```

Background

The CSS property to change the background color of an element to Hex FBA62B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FBA62B }
```

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

```
.background{ background-color:#FBA62B }
```

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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