

Converting Colors

Hex(F58B32)

Have a look what the booklet for
Hex(F58B32) contains.

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Color

Hex(F58B32)

Conversions

Conversions Part 1	
Format	Color
Hex	F58B32
RGB	245, 139, 50
RGB Percent	96%, 55%, 20%
CMY	0.0392, 0.4549, 0.8039
CMYK	0.00, 0.43, 0.80, 0.04
HSL	27°, 91%, 58%
HSV	27°, 80%, 96%
XYZ	47.4645, 38.1080, 7.8715
YIQ	160.5480, 91.7450, -5.2070

Conversions

Conversions Part 2

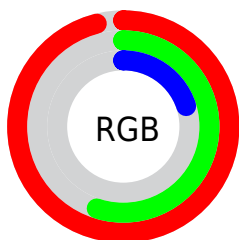
Format	Color
RYB	245, 214, 50
Decimal	16091954
CIELab	68.10, 34.19, 61.68
CIELCh	68, 70.523, 61.005
Yxy	38.1080, 0.5079, 0.4078
Android (android.graphics.Color)	4294282034 (0xFFFF58B32)
YUV	160.5480, -54.5002, 74.0644
Hunter-Lab	61.7317, 29.2154, 35.6520

Details

The Hex color **F58B32** 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 **329CF5**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **FFC167**, and **B65800** is the 20% darker color. If you saturate the color by 10%, you get **F57E1A**, and if you desaturate by 10%, it is **F5984B**.

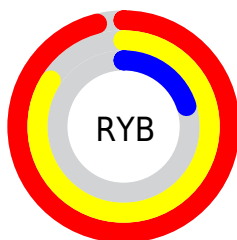
Distribution



Red (96%)

Green (55%)

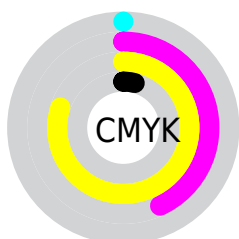
Blue (20%)



Red (96%)

Yellow (84%)

Blue (20%)

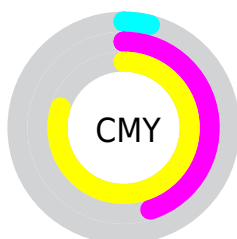


Cyan (0%)

Magenta (43%)

Yellow (80%)

Black (4%)



Cyan (4%)

Magenta (45%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color F58B32 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 F58B32 by changing the saturation by 10% instead.

 F58B32

 F58B32

FFFFFF

 D67114

 FFC167

 B65800

 FFDE82

 983F00

 FFFA9D

 7A2700

 FFFFB9

 5C0C00

 FFFFD5

 400000

 FFFFF2

 270001

 000000

 F58B32

 F58B32

 F57E1A

 F5984B

 F57001

 F5A663

 F57000

 F5B37C

 F5C094

 F5CEAD

 F5DBC5

 F5E8DE

 F5F6F6

 F5FFFF

Harmonies

Analogous

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



FF7168



F58B32



C3A406

Triad

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



F58B32



00C4A6



A794FF

Complementary

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



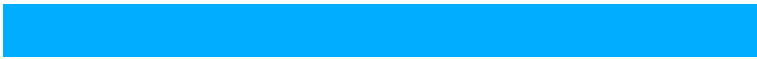
F58B32



329CF5

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.



00ADFF



F58B32



00C3E6

Square

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



F58B32



00BF65



00BCFF



F477E5

Rectangle

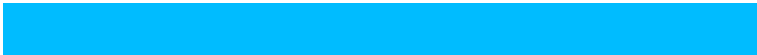
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



F58B32



9BB019



00BCFF



809DFF

Sweetspot

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



F58B32



FFDEC2



F5329D



806B5B



000000



808080

Same Dimension

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



F58B32



FF7A0A



F5EB32



7A746E



BA5500



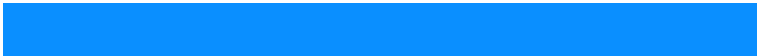
3B1B00

Inverse Universe

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



329CF5



0A8FFF



323CF5



6E757A



0065BA



00203B

Previews

White Background



This preview shows how the Hex color F58B32 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



This preview shows how the Hex color F58B32 looks on a 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 F58B32 Background



This preview shows how black text looks on a background with the Hex color F58B32.



This preview shows how white text looks on a background with the Hex color F58B32.

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
F58B32





Protanopia
BAA739

Deuteranopia
D19E2B






Tritanopia
F9828B

Trichromacy

	Original Color F58B32
	Protanomaly CF9D36
	Deuteranomaly DE972E
	Tritanomaly F8856B

Monochromacy

	Original Color F58B32
	Achromatopsia A1A1A1
	Achromatomaly C09979

CSS Examples

Text

The CSS property to change the color of the text to Hex F58B32 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 #F58B32 looks like.

```
.text, #text, p{  
    color:#F58B32  
}
```

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 #F58B32 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F58B32
}
```

Border

The CSS property to change the border of an element to Hex F58B32 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
#F58B32 }
```

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

```
.border{ border-color:#F58B32 }
```

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

Here you see how a box with a 4 pixel #F58B32 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F58B32; -webkit-box-shadow:4px 4px  
4px 4px #F58B32; box-shadow:4px 4px 4px  
4px #F58B32 }
```

Background

The CSS property to change the background color of an element to Hex F58B32 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F58B32 }
```

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

```
.background{ background-color:#F58B32 }
```

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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