

Converting Colors

Hex(FC490B)

Have a look what the booklet for
Hex(FC490B) contains.

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Color

Hex(FC490B)

Conversions

Conversions Part 1

Format	Color
Hex	FC490B
RGB	252, 73, 11
RGB Percent	99%, 29%, 4%
CMY	0.0118, 0.7137, 0.9569
CMYK	0.00, 0.71, 0.96, 0.01
HSL	15°, 98%, 52%
HSV	15°, 96%, 99%
XYZ	42.5878, 25.4847, 2.9910
YIQ	119.4530, 126.5860, 18.6660

Conversions

Conversions Part 2

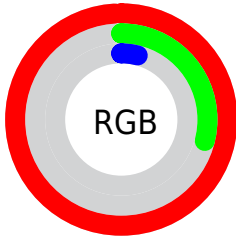
Format	Color
R_{YB}	252, 94, 11
Decimal	16533771
CIE _{Lab}	57.54, 65.60, 66.45
CIE _{LCh}	58, 93.382, 45.369
Yxy	25.4847, 0.5993, 0.3586
Android (android.graphics.Color)	4294723851 (0xFFFC490B)
YUV	119.4530, -53.4673, 116.2437
Hunter-Lab	50.4824, 62.2417, 31.8248

Details

The Hex color **FC490B** is a dark color, and the websafe version is hex **FF3300**. The color can be described as dark saturated red. A complement of this color would be **0BBEFC**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **FF8445**, and **BA0000** is the 20% darker color. If you saturate the color by 10%, you get **FC4100**, and if you desaturate by 10%, it is **FC5C24**.

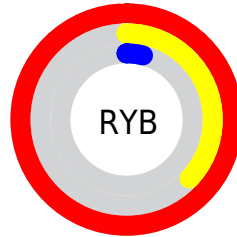
Distribution



Red (99%)

Green (29%)

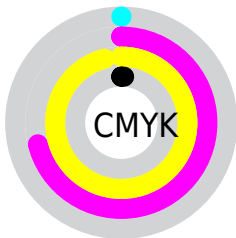
Blue (4%)



Red (99%)

Yellow (37%)

Blue (4%)

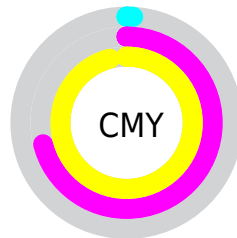


Cyan (0%)

Magenta (71%)

Yellow (96%)

Black (1%)



Cyan (1%)

Magenta (71%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color FC490B 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 FC490B by changing the saturation by 10% instead.

 FC490B

 FC490B

FFFFFF

 DB2700

 FF8445

 BA0000

 FFA05F

 990000

 FFBD79

 790000

 FFDB94

 5A0001

 FFF9B0

 3D0003

 FFFFCC

 190001

 FFFF99

 000000

 FC490B

 FC490B

 FC4100

 FC5C24

 FC6E3D

 FC8157

 FC9470

 FCA789

 FCB9A2

 FCCCB

 FCDFD5

 FCF1EE

Harmonies

Analogous

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



FF0065



FC490B



C87800

Triad

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



FC490B



00A95E



0087FF

Complementary

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



FC490B



0BBEFC

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.



00A0FF



FC490B



00ACB4

Square

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



FC490B



00A200



00AAFE



BE5AFF

Rectangle

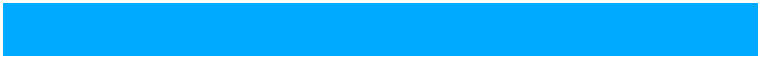
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FC490B



9B8C00



00AAFE



0091FF

Sweetspot

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



FC490B



FFC8B5



FC0BC0



805E53



000000



808080

Same Dimension

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



FC490B



FF4200



FCC00B



7D7470



BD3100



3D1000

Inverse Universe

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



0BBEFC



00BDFF



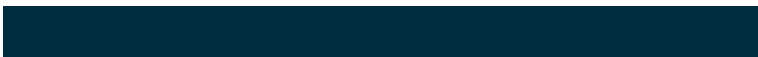
0B47FC



707A7D



008CBD



002D3D

Previews

White Background



This preview shows how the Hex color FC490B looks on a white background.

Color Contrast Check

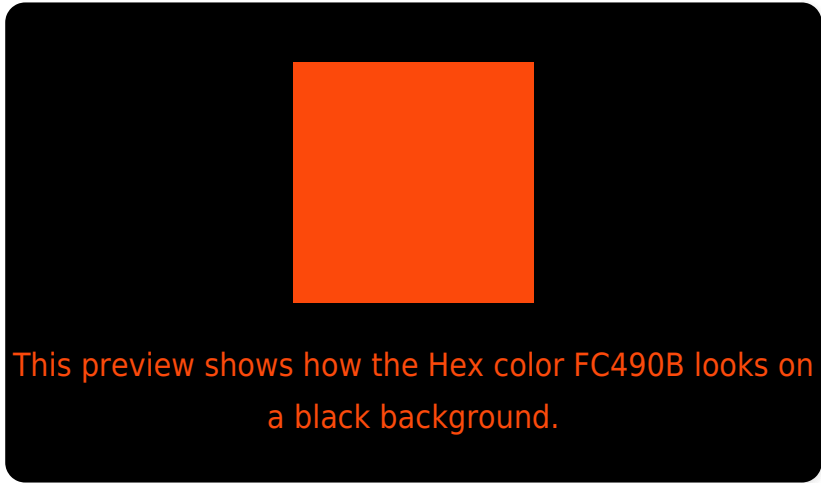
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex FC490B Background



This preview shows how black text looks on a background with the Hex color FC490B.



This preview shows how white text looks on a background with the Hex color FC490B.

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
FC490B

Protanopia
9C8B1E

Deuteranopia
AF8400



Trichromacy



Original Color
FC490B

Protanomaly
BF7317

Deuteranomaly
CB6F04

Tritanomaly
FD4631

Monochromacy



Original Color
FC490B

Achromatopsia
777777

Achromatomaly
A76650

CSS Examples

Text

The CSS property to change the color of the text to Hex FC490B 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 #FC490B looks like.

```
.text, #text, p{  
    color:#FC490B  
}
```

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 #FC490B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FC490B
}
```

Border

The CSS property to change the border of an element to Hex FC490B 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
#FC490B }
```

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

```
.border{ border-color:#FC490B }
```

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

Here you see how a box with a 4 pixel #FC490B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FC490B; -webkit-box-shadow:4px 4px  
4px 4px #FC490B; box-shadow:4px 4px 4px  
4px #FC490B }
```

Background

The CSS property to change the background color of an element to Hex FC490B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FC490B }
```

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

```
.background{ background-color:#FC490B }
```

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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