

Converting Colors

Hex(F5AB10)

Have a look what the booklet for
Hex(F5AB10) contains.

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Color

Hex(F5AB10)

Conversions

Conversions Part 1

Format	Color
Hex	F5AB10
RGB	245, 171, 16
RGB Percent	96%, 67%, 6%
CMY	0.0392, 0.3294, 0.9373
CMYK	0.00, 0.30, 0.93, 0.04
HSL	41°, 92%, 51%
HSV	41°, 93%, 96%
XYZ	52.3126, 48.5757, 7.1091
YIQ	175.4560, 93.8590, -32.5170

Conversions

Conversions Part 2

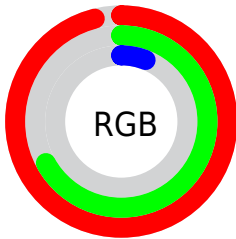
Format	Color
RYB	125, 245, 16
Decimal	16100112
CIELab	75.19, 16.71, 76.68
CIELCh	75, 78.484, 77.706
Yxy	48.5757, 0.4844, 0.4498
Android (android.graphics.Color)	4294290192 (0xFFFF5AB10)
YUV	175.4560, -78.6118, 60.9901
Hunter-Lab	69.6963, 12.0100, 42.7398

Details

The Hex color **F5AB10** is a dark color, and the websafe version is hex **FF9900**. The color can be described as middle washed orange. A complement of this color would be **105AF5**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **FFE255**, and **B77700** is the 20% darker color. If you saturate the color by 10%, you get **F5A600**, and if you desaturate by 10%, it is **F5B329**.

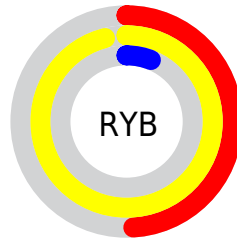
Distribution



Red (96%)

Green (67%)

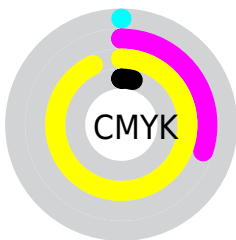
Blue (6%)



Red (49%)

Yellow (96%)

Blue (6%)

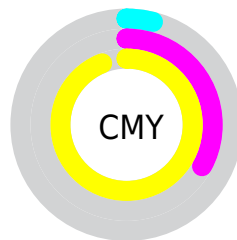


Cyan (0%)

Magenta (30%)

Yellow (93%)

Black (4%)



Cyan (4%)

Magenta (33%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Hex color F5AB10 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 F5AB10 by changing the saturation by 10% instead.

 F5AB10

 F5AB10

FFFFFF

 D69100

 FFE255

 B77700

 FFFF71

 995E00

 FFFF8E

 7B4700

 FFFFAA

 5E3000

 FFFFC7

 421B00

 FFFF E4

 290500

 000000

 F5AB10

 F5AB10

 F5A600

 F5B329

 F5BB41

 F5C35A

 F5CB72

 F5D38B

 F5DBA3

 F5E2BC

 F5EAD4

 F5F2ED

Harmonies

Analogous

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



FF8C4F



F5AB10



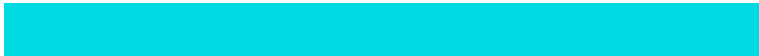
B4C309

Triad

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



F5AB10



00DBE3



F292FF

Complementary

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



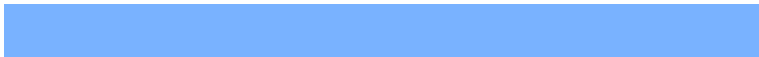
F5AB10



105AF5

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.



79B2FF



F5AB10



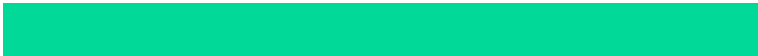
00D7FF

Square

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



F5AB10



00D998



00CAFF



FF75DA

Rectangle

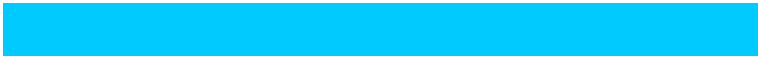
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



F5AB10



7ECD3A



00CAFF



D39DFF

Sweetspot

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



F5AB10



FFE8B8



F5105C



807154



000000



808080

Same Dimension

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



F5AB10



FFAD00



CFF510



7A766E



BA7E00



3B2800

Inverse Universe

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



105AF5



0052FF



3610F5



6E727A



003CBA



00133B

Previews

White Background



This preview shows how the Hex color F5AB10 looks on a white background.

Color Contrast Check

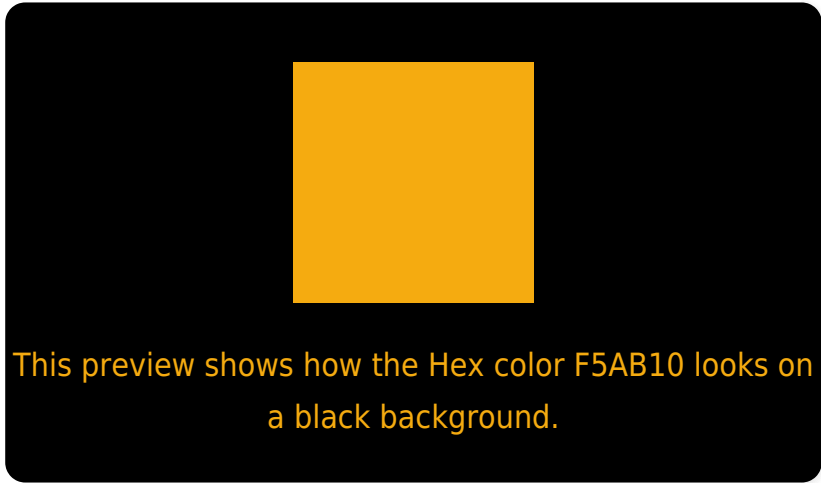
Large Text (above 18pt) WCAG AA × Fail

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 F5AB10 Background



This preview shows how black text looks on a background with the Hex color F5AB10.



This preview shows how white text looks on a background with the Hex color F5AB10.

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
F5AB10

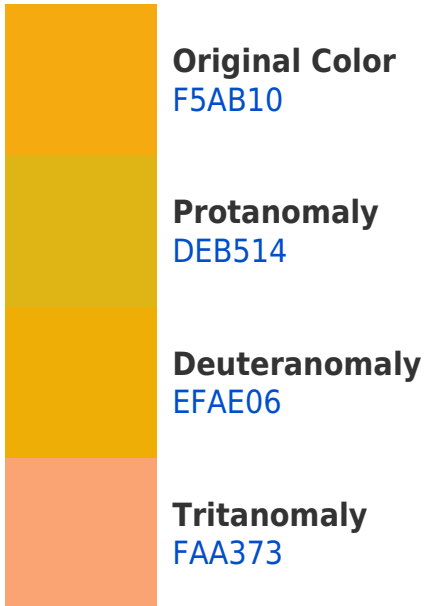
Protanopia
D1BA16

Deuteranopia
EBB000



Tritanopia
FD9FAB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex F5AB10 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 #F5AB10 looks like.

```
.text, #text, p{  
    color:#F5AB10  
}
```

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 #F5AB10 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F5AB10
}
```

Border

The CSS property to change the border of an element to Hex F5AB10 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
#F5AB10 }
```

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

```
.border{ border-color:#F5AB10 }
```

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

Here you see how a box with a 4 pixel #F5AB10 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F5AB10; -webkit-box-shadow:4px 4px  
4px 4px #F5AB10; box-shadow:4px 4px 4px  
4px #F5AB10 }
```

Background

The CSS property to change the background color of an element to Hex F5AB10 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F5AB10 }
```

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

```
.background{ background-color:#F5AB10 }
```

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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