

Converting Colors

Hex(5A5C10)

Have a look what the booklet for
Hex(5A5C10) contains.

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Color

Hex(5A5C10)

Conversions

Conversions Part 1

Format	Color
Hex	5A5C10
RGB	90, 92, 16
RGB Percent	35%, 36%, 6%
CMY	0.6471, 0.6392, 0.9373
CMYK	0.02, 0.00, 0.83, 0.64
HSL	62°, 70%, 21%
HSV	62°, 83%, 36%
XYZ	8.1371, 9.8654, 1.9655
YIQ	82.7380, 23.2040, -24.0600

Conversions

Conversions Part 2

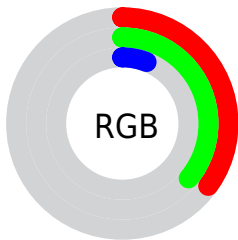
Format	Color
RYB	16, 92, 18
Decimal	5921808
CIELab	37.60, -10.67, 39.95
CIELCh	38, 41.347, 104.949
Yxy	9.8654, 0.4075, 0.4941
Android (android.graphics.Color)	4284111888 (0xFF5A5C10)
YUV	82.7380, -32.9018, 6.3688
Hunter-Lab	31.4092, -8.7224, 18.2761

Details

The Hex color **5A5C10** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **12105C**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **8F8E42**, and **292E00** is the 20% darker color. If you saturate the color by 10%, you get **5A5C07**, and if you desaturate by 10%, it is **5A5C19**.

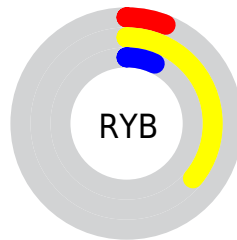
Distribution



Red (35%)

Green (36%)

Blue (6%)



Red (6%)

Yellow (36%)

Blue (7%)

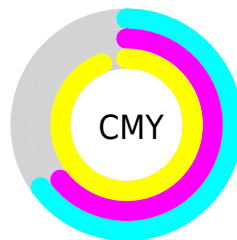


Cyan (2%)

Magenta (0%)

Yellow (83%)

Black (64%)



Cyan (65%)

Magenta (64%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5A5C10 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 5A5C10 by changing the saturation by 10% instead.

 5A5C10

 5A5C10

FFFFFF

 414500

 8F8E42

 292E00

 AAA85B

 0E1A00

 C6C474

 000000

 E3DF8F

 FFFCAA

 FFFFC5

 FFFFE2

 5A5C10

 5A5C10

■ 5A5C07

■ 5A5C19

■ 5A5C00

■ 5A5C22

■ 5B5C2C

■ 5B5C35

■ 5B5C3E

■ 5B5C47

■ 5C5C50

■ 5C5C5A

■ 5C5C63

Harmonies

Analogous

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



785113



5A5C10



346326

Triad

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



5A5C10



006787



8C3C6B

Complementary

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



5A5C10



12105C

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.



6F4888



5A5C10



006199

Square

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



5A5C10



006869



385699



953949

Rectangle

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



5A5C10



00663B



385699



853F75

Sweetspot

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



5A5C10



77785A



5C1110



3D3D2B



BDBDBD



3D3D3D

Same Dimension

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



5A5C10



757801



355C10



2E2E29



6B6E00



E7ED00

Inverse Universe

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



12105C



040178



37105C



29292E



03006E



0600ED

Previews

White Background



This preview shows how the Hex color 5A5C10 looks on a white background.

Color Contrast Check

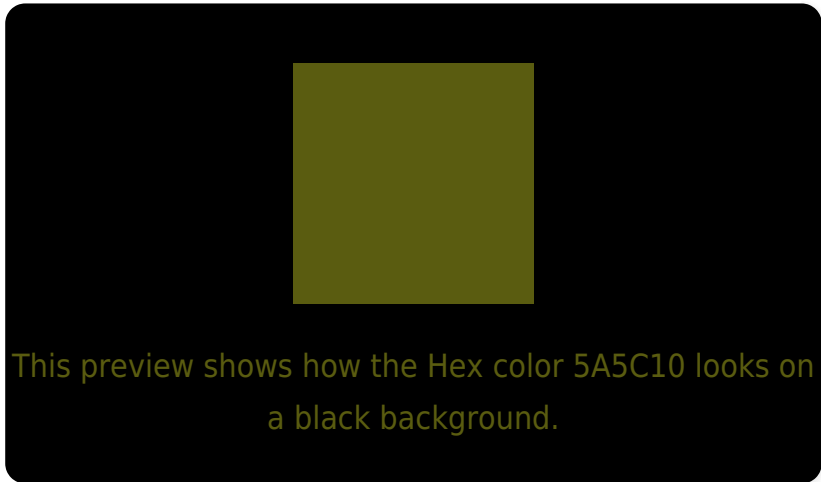
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

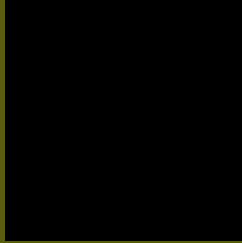
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 5A5C10 Background



This preview shows how black text looks on a background with the Hex color 5A5C10.



This preview shows how white text looks on a background with the Hex color 5A5C10.

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](#).

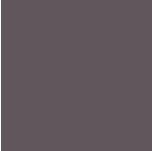
Dichromacy



Original Color
5A5C10

Protanopia
64590F

Deuteranopia
6F5415



Tritanopia
60565C

Trichromacy



Original Color
5A5C10

Protanomaly
605A0F

Deuteranomaly
675713

Tritanomaly
5E5840

Monochromacy



Original Color
5A5C10

Achromatopsia
535353

Achromatomaly
56563B

CSS Examples

Text

The CSS property to change the color of the text to Hex 5A5C10 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 #5A5C10 looks like.

```
.text, #text, p{  
    color:#5A5C10  
}
```

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 #5A5C10 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A5C10
}
```

Border

The CSS property to change the border of an element to Hex 5A5C10 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
#5A5C10 }
```

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

```
.border{ border-color:#5A5C10 }
```

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

Here you see how a box with a 4 pixel #5A5C10 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A5C10; -webkit-box-shadow:4px 4px  
4px 4px #5A5C10; box-shadow:4px 4px 4px  
4px #5A5C10 }
```

Background

The CSS property to change the background color of an element to Hex 5A5C10 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A5C10 }
```

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

```
.background{ background-color:#5A5C10 }
```

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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