

Converting Colors

Hex(5B640A)

Have a look what the booklet for
Hex(5B640A) contains.

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Color

Hex(5B640A)

Conversions

Conversions Part 1

Format	Color
Hex	5B640A
RGB	91, 100, 10
RGB Percent	36%, 39%, 4%
CMY	0.6431, 0.6078, 0.9608
CMYK	0.09, 0.00, 0.90, 0.61
HSL	66°, 82%, 22%
HSV	66°, 90%, 39%
XYZ	8.9263, 11.3604, 2.0095
YIQ	87.0490, 23.5260, -29.8980

Conversions

Conversions Part 2

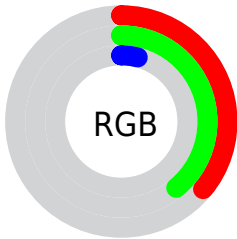
Format	Color
R_{YB}	10, 100, 19
Decimal	5989386
CIE _{Lab}	40.18, -14.89, 44.01
CIE _{LCh}	40, 46.460, 108.688
Yxy	11.3604, 0.4004, 0.5095
Android (android.graphics.Color)	4284179466 (0xFF5B640A)
YUV	87.0490, -37.9852, 3.4650
Hunter-Lab	33.7052, -11.7109, 20.0588

Details

The Hex color **5B640A** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **130A64**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **909740**, and **293500** is the 20% darker color. If you saturate the color by 10%, you get **5A6400**, and if you desaturate by 10%, it is **5C6414**.

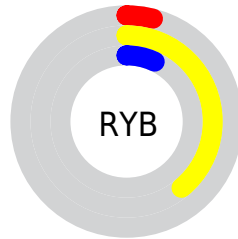
Distribution



Red (36%)

Green (39%)

Blue (4%)



Red (4%)

Yellow (39%)

Blue (7%)

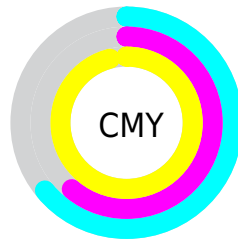


Cyan (9%)

Magenta (0%)

Yellow (90%)

Black (61%)



Cyan (64%)

Magenta (61%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5B640A 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 5B640A by changing the saturation by 10% instead.

 5B640A

 5B640A

FFFFFFD

 424C00

 909740

 293500

 ABB159

 102000

 C8CD73

 000100

 E4E98D

 000000

 FFFFA8

 FFFFC4

 FFFFEO

 5B640A

 5B640A

■ 5A6400

■ 5C6414

■ 5D641E

■ 5E6428

■ 5F6432

■ 60643C

■ 616446

■ 626450

■ 63645A

■ 646464

Harmonies

Analogous

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



7E580A



5B640A



2C6C29

Triad

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



5B640A



006E97



9C3B6F

Complementary

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



5B640A



130A64

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.



7E4A91



5B640A



0067A9

Square

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



5B640A



007176



425BA7



A33B49

Rectangle

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



5B640A



006F42



425BA7



953F7B

Sweetspot

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



5B640A



7F825F



64130A



40422D



C2C2C2



424242

Same Dimension

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



5B640A



758200



2E640A



32332E



677300



DAF200

Inverse Universe

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



130A64



0D0082



400A64



2E2E33



0B0073



1800F2

Previews

White Background



This preview shows how the Hex color 5B640A looks on a white background.

Color Contrast Check

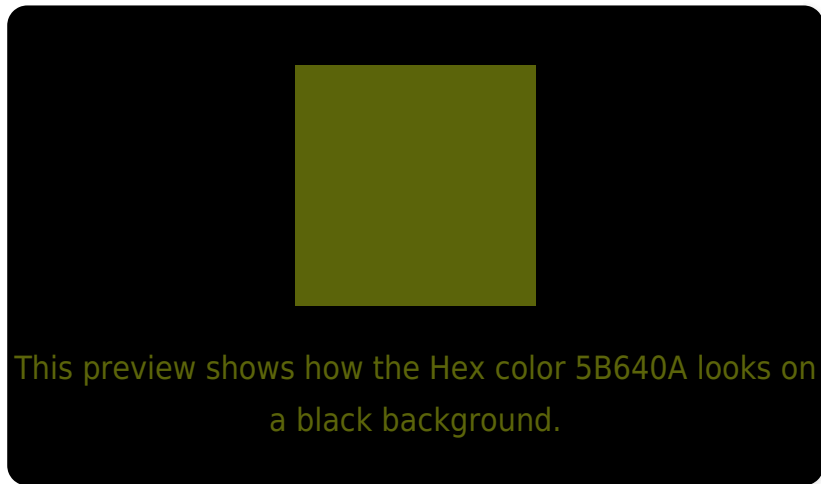
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black 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

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

Hex 5B640A Background



This preview shows how black text looks on a background with the Hex color 5B640A.



This preview shows how white text looks on a background with the Hex color 5B640A.

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
5B640A

Protanopia
6B5F08

Deuteranopia
775A13



Tritanopia
625D64

Trichromacy



Original Color
5B640A

Protanomaly
656109

Deuteranomaly
6D5E10

Tritanomaly
5F6043

Monochromacy



Original Color
5B640A

Achromatopsia
575757

Achromatomaly
585C3B

CSS Examples

Text

The CSS property to change the color of the text to Hex 5B640A 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 #5B640A looks like.

```
.text, #text, p{  
    color:#5B640A  
}
```

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 #5B640A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B640A
}
```

Border

The CSS property to change the border of an element to Hex 5B640A 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
#5B640A }
```

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

```
.border{ border-color:#5B640A }
```

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

Here you see how a box with a 4 pixel #5B640A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B640A; -webkit-box-shadow:4px 4px  
4px 4px #5B640A; box-shadow:4px 4px 4px  
4px #5B640A }
```

Background

The CSS property to change the background color of an element to Hex 5B640A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B640A }
```

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

```
.background{ background-color:#5B640A }
```

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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