

Converting Colors

Hex(5A8100)

Have a look what the booklet for
Hex(5A8100) contains.

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Color

Hex(5A8100)

Conversions

Conversions Part 1

Format	Color
Hex	5A8100
RGB	90, 129, 0
RGB Percent	35%, 51%, 0%
CMY	0.6471, 0.4941, 1.0000
CMYK	0.30, 0.00, 1.00, 0.49
HSL	78°, 100%, 25%
HSV	78°, 100%, 51%
XYZ	12.0667, 17.8742, 2.8141
YIQ	102.6330, 18.1650, -48.3870

Conversions

Conversions Part 2

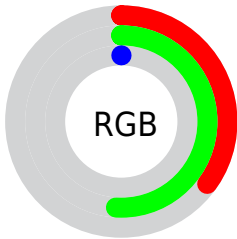
Format	Color
RYB	0, 129, 39
Decimal	5931264
CIELab	49.34, -30.35, 53.53
CIELCh	49, 61.536, 119.556
Yxy	17.8742, 0.3684, 0.5457
Android (android.graphics.Color)	4284121344 (0xFF5A8100)
YUV	102.6330, -50.5981, -11.0791
Hunter-Lab	42.2779, -23.0398, 25.6481

Details

The Hex color **5A8100** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **270081**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **90B641**, and **264F00** is the 20% darker color. If you saturate the color by 10%, you get **5A8100**, and if you desaturate by 10%, it is **5E810D**.

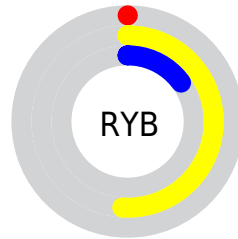
Distribution



Red (35%)

Green (51%)

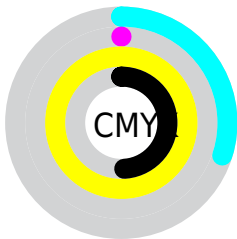
Blue (0%)



Red (0%)

Yellow (51%)

Blue (15%)

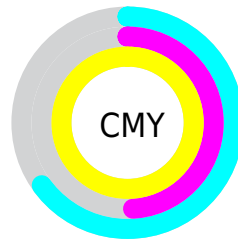


Cyan (30%)

Magenta (0%)

Yellow (100%)

Black (49%)



Cyan (65%)

Magenta (49%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5A8100 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 5A8100 by changing the saturation by 10% instead.

 5A8100

 5A8100

FFFFFF

 3F6800

 90B641

 264F00

 ACD25C

 043800

 C8EE76

 002300

 E5FF91

 000000

 FFFFAD

 FFFFC9

 FFFFEE

 5A8100

 5E810D

 62811A

 668127

 6A8134

 6E8141

 71814D

 75815A

 798167

 7D8174

Harmonies

Analogous

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



8E7300



5A8100



00893D

Triad

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



5A8100



0088CF



CF3C78

Complementary

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



5A8100



270081

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.



B24EAB



5A8100



007CDE

Square

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



5A8100



008DA8



7068D1



CE4645

Rectangle

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



5A8100



008C61



7068D1



C9408A

Sweetspot

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



5A8100



99A876



812700



4B5436



D4D4D4



545454

Same Dimension

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



5A8100



75A800



1A8100



3E4039



598000



000000

Inverse Universe

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



270081



3300A8



670081



3B3940



270080



000000

Previews

White Background



This preview shows how the Hex color 5A8100 looks on a white background.

Color Contrast Check

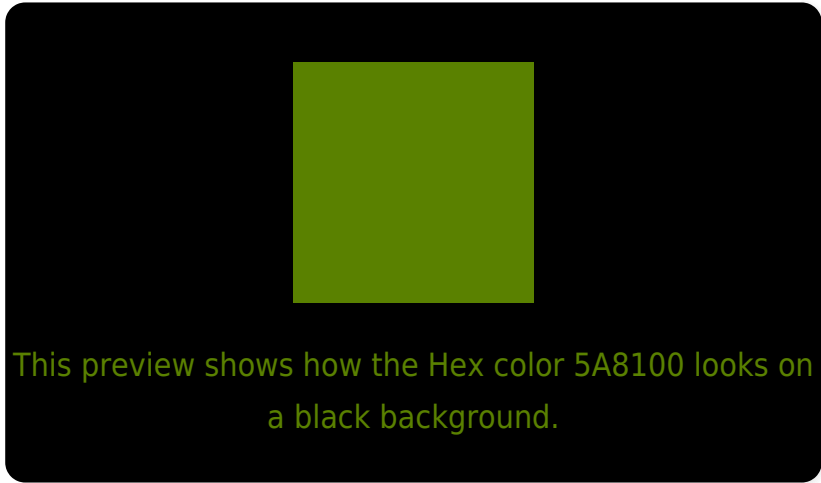
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ 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 5A8100 Background



This preview shows how black text looks on a background with the Hex color 5A8100.



This preview shows how white text looks on a background with the Hex color 5A8100.

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
5A8100

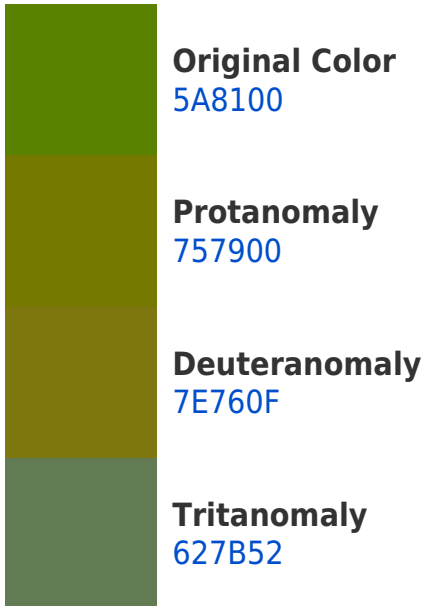
Protanopia
847500

Deuteranopia
936F18



Tritanopia
667881

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5A8100 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 #5A8100 looks like.

```
.text, #text, p{  
    color:#5A8100  
}
```

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 #5A8100 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A8100
}
```

Border

The CSS property to change the border of an element to Hex 5A8100 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
#5A8100 }
```

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

```
.border{ border-color:#5A8100 }
```

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

Here you see how a box with a 4 pixel #5A8100 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A8100; -webkit-box-shadow:4px 4px  
4px 4px #5A8100; box-shadow:4px 4px 4px  
4px #5A8100 }
```

Background

The CSS property to change the background color of an element to Hex 5A8100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A8100 }
```

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

```
.background{ background-color:#5A8100 }
```

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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