

Converting Colors

Hex(51A100)

Have a look what the booklet for
Hex(51A100) contains.

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Color

Hex(51A100)

Conversions

Conversions Part 1

Format	Color
Hex	51A100
RGB	81, 161, 0
RGB Percent	32%, 63%, 0%
CMY	0.6824, 0.3686, 1.0000
CMYK	0.50, 0.00, 1.00, 0.37
HSL	90°, 100%, 32%
HSV	90°, 100%, 63%
XYZ	16.1382, 27.2391, 4.4071
YIQ	118.7260, 4.0010, -67.0310

Conversions

Conversions Part 2

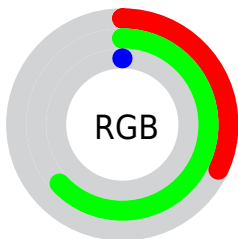
Format	Color
RYB	0, 161, 80
Decimal	5349632
CIELab	59.19, -47.25, 60.98
CIELCh	59, 77.139, 127.769
Yxy	27.2391, 0.3377, 0.5700
Android (android.graphics.Color)	4283539712 (0xFF51A100)
YUV	118.7260, -58.5319, -33.0857
Hunter-Lab	52.1911, -36.1397, 31.5272

Details

The Hex color **51A100** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **5000A1**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **8AD948**, and **0A6C00** is the 20% darker color. If you saturate the color by 10%, you get **51A100**, and if you desaturate by 10%, it is **59A110**.

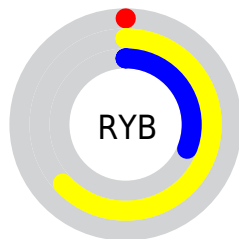
Distribution



Red (32%)

Green (63%)

Blue (0%)



Red (0%)

Yellow (63%)

Blue (31%)

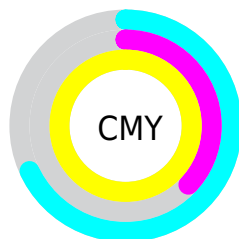


Cyan (50%)

Magenta (0%)

Yellow (100%)

Black (37%)



Cyan (68%)

Magenta (37%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 51A100 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 51A100 by changing the saturation by 10% instead.

 51A100

 51A100

FFFFFF

 338600

 8AD948

 0A6C00

 A7F564

 005300

 C4FF7F

 003B00

 E2FF9B

 002600

 FFFFB7

 000000

 FFFFD4

 FFFFF1

 51A100

 59A110

 61A120


 69A130

 71A140

 79A151

 81A161

 89A171

 91A181

 99A191

Harmonies

Analogous

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



9C9100



51A100



00A958

Triad

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



51A100



00A3FF



FF3D80

Complementary

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



51A100



5000A1

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.



EB4FC3



51A100



0091FF

Square

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



51A100



00ABE0



A473FB



F9563F

Rectangle

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



51A100



00AC87



A473FB



FF3E97

Sweetspot

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



51A100



B2D192



A14E00



566943



E8E8E8



696969

Same Dimension

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



51A100



69D100



03A100



4E5249



499100



091200

Inverse Universe

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



5000A1



6800D1



9E00A1



4D4952



480091



090012

Previews

White Background



This preview shows how the Hex color 51A100 looks on a white background.

Color Contrast Check

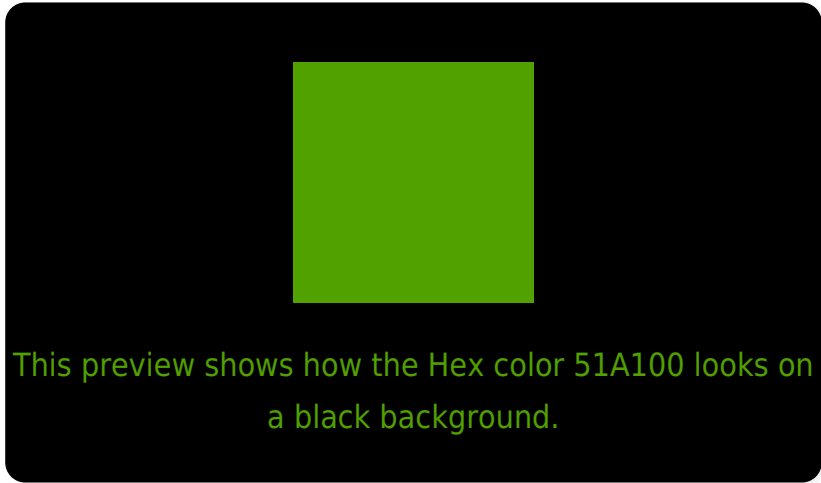
Large Text (above 18pt) WCAG AA ✓ Pass

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 51A100 Background



This preview shows how black text looks on a background with the Hex color 51A100.

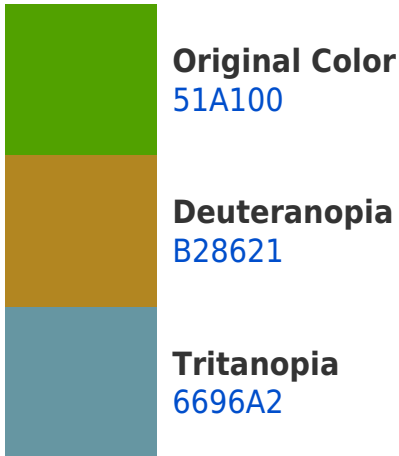


This preview shows how white text looks on a background with the Hex color 51A100.

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



Trichromacy



Original Color
51A100



Deuteranomaly
8F9015



Tritanomaly
5E9A67

Monochromacy



Original Color
51A100



Achromatopsia
777777



Achromatomaly
69864C

CSS Examples

Text

The CSS property to change the color of the text to Hex 51A100 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 #51A100 looks like.

```
.text, #text, p{  
    color:#51A100  
}
```

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 #51A100 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #51A100
}
```

Border

The CSS property to change the border of an element to Hex 51A100 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
#51A100 }
```

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

```
.border{ border-color:#51A100 }
```

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

Here you see how a box with a 4 pixel #51A100 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #51A100; -webkit-box-shadow:4px 4px  
4px 4px #51A100; box-shadow:4px 4px 4px  
4px #51A100 }
```

Background

The CSS property to change the background color of an element to Hex 51A100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#51A100 }
```

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

```
.background{ background-color:#51A100 }
```

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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