

Converting Colors

Hex(5EA100)

Have a look what the booklet for
Hex(5EA100) contains.

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Color

Hex(5EA100)

Conversions

Conversions Part 1

Format	Color
Hex	5EA100
RGB	94, 161, 0
RGB Percent	37%, 63%, 0%
CMY	0.6314, 0.3686, 1.0000
CMYK	0.42, 0.00, 1.00, 0.37
HSL	85°, 100%, 32%
HSV	85°, 100%, 63%
XYZ	17.3610, 27.8694, 4.4643
YIQ	122.6130, 11.7490, -64.2750

Conversions

Conversions Part 2

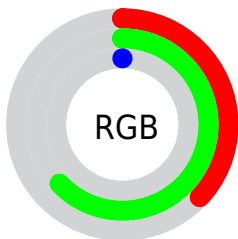
Format	Color
RYB	0, 161, 67
Decimal	6201600
CIELab	59.77, -42.90, 61.67
CIELCh	60, 75.130, 124.825
Yxy	27.8694, 0.3494, 0.5608
Android (android.graphics.Color)	4284391680 (0xFF5EA100)
YUV	122.6130, -60.4482, -25.0936
Hunter-Lab	52.7915, -33.6838, 31.9402

Details

The Hex color **5EA100** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **4300A1**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **96D849**, and **236D00** is the 20% darker color. If you saturate the color by 10%, you get **5EA100**, and if you desaturate by 10%, it is **65A110**.

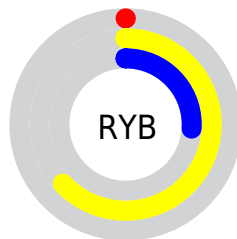
Distribution



Red (37%)

Green (63%)

Blue (0%)



Red (0%)

Yellow (63%)

Blue (26%)

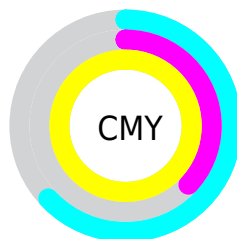


Cyan (42%)

Magenta (0%)

Yellow (100%)

Black (37%)



Cyan (63%)

Magenta (37%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5EA100 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 5EA100 by changing the saturation by 10% instead.

 5EA100

 5EA100


FFFFFF

 418600

 96D849

 236D00

 B3F564

 005400

 D0FF80

 003C00

 EEFF9C

 002700

 FFFF88

 000000

 FFFFD4

 FFFFF2

 5EA100

 65A110

 6BA120

 72A130

 79A140

 7FA151

 86A161

 8DA171

 94A181

 9AA191

Harmonies

Analogous

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



A49100



5EA100



00AA54

Triad

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



5EA100



00A5FF



FF4388

Complementary

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



5EA100



4300A1

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.



E657CA



5EA100



0095FF

Square

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



5EA100



00ADDA



9C79FE



FB5748

Rectangle

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



5EA100



00AD82



9C79FE



FE469E

Sweetspot

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



5EA100



B7D192



A14000



596943



E8E8E8



696969

Same Dimension

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



5EA100



7AD100



10A100



4E5249



559100



0A1200

Inverse Universe

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



4300A1



5700D1



9100A1



4D4952



3C0091



070012

Previews

White Background



This preview shows how the Hex color 5EA100 looks on a white background.

Color Contrast Check

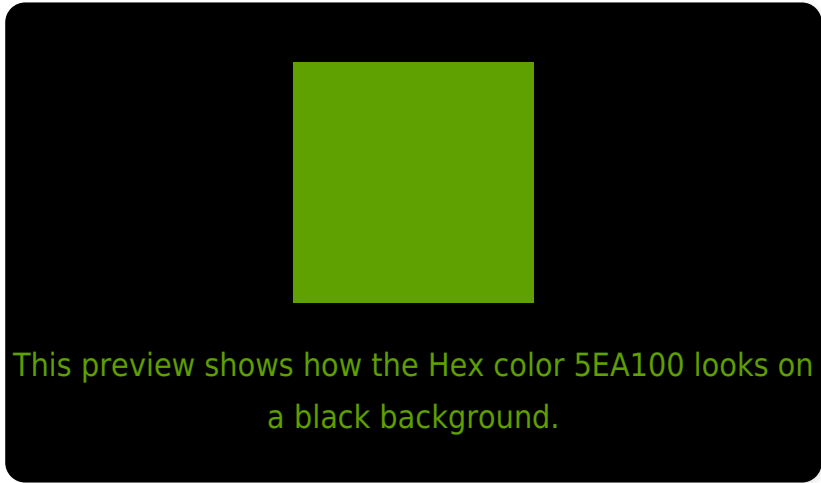
Large Text (above 18pt) WCAG AA ✓ Pass

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 5EA100 Background



This preview shows how black text looks on a background with the Hex color 5EA100.



This preview shows how white text looks on a background with the Hex color 5EA100.

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
5EA100

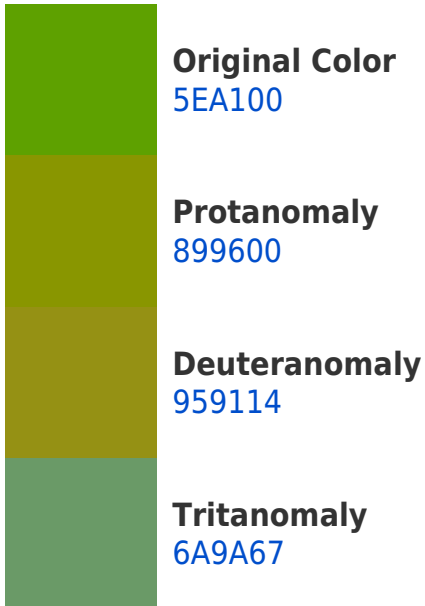
Protanopia
A29000

Deuteranopia
B48820



Tritanopia
7196A2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5EA100 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 #5EA100 looks like.

```
.text, #text, p{  
    color:#5EA100  
}
```

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 #5EA100 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5EA100
}
```

Border

The CSS property to change the border of an element to Hex 5EA100 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".

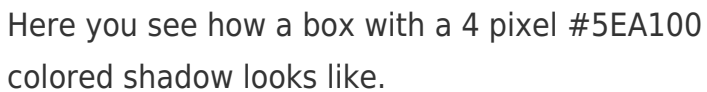
```
.border, #border, table{ border:4px solid
#5EA100 }
```

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

```
.border{ border-color:#5EA100 }
```

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

Here you see how a box with a 4 pixel #5EA100 colored shadow looks like.

A rectangular box with a thick green border and a green shadow. The shadow is cast to the right and bottom of the box, matching the green color of the border.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5EA100; -webkit-box-shadow:4px 4px  
4px 4px #5EA100; box-shadow:4px 4px 4px  
4px #5EA100 }
```

Background

The CSS property to change the background color of an element to Hex 5EA100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5EA100 }
```

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

```
.background{ background-color:#5EA100 }
```

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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