

Converting Colors

Hex(5E9200)

Have a look what the booklet for
Hex(5E9200) contains.

Hex(5E9200)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(5E9200)

Conversions

Conversions Part 1

Format	Color
Hex	5E9200
RGB	94, 146, 0
RGB Percent	37%, 57%, 0%
CMY	0.6314, 0.4275, 1.0000
CMYK	0.36, 0.00, 1.00, 0.43
HSL	81°, 100%, 29%
HSV	81°, 100%, 57%
XYZ	14.8950, 22.9375, 3.6423
YIQ	113.8080, 15.8740, -56.4300

Conversions

Conversions Part 2

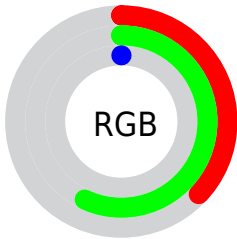
Format	Color
RYB	0, 146, 52
Decimal	6197760
CIELab	55.01, -36.50, 57.99
CIELCh	55, 68.516, 122.188
Yxy	22.9375, 0.3591, 0.5530
Android (android.graphics.Color)	4284387840 (0xFF5E9200)
YUV	113.8080, -56.1073, -17.3716
Hunter-Lab	47.8931, -28.2985, 29.0161

Details

The Hex color **5E9200** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **340092**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **95C845**, and **275F00** is the 20% darker color. If you saturate the color by 10%, you get **5E9200**, and if you desaturate by 10%, it is **63920F**.

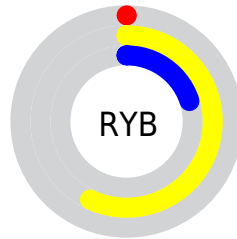
Distribution



Red (37%)

Green (57%)

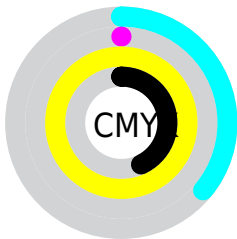
Blue (0%)



Red (0%)

Yellow (57%)

Blue (20%)

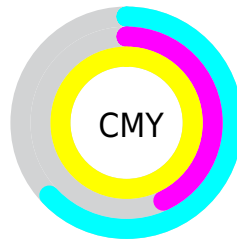


Cyan (36%)

Magenta (0%)

Yellow (100%)

Black (43%)



Cyan (63%)

Magenta (43%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5E9200 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 5E9200 by changing the saturation by 10% instead.

 5E9200

 5E9200

FFFFFF

 437800

 95C845

 275F00

 B2E560

 004700

 CEFF7B

 003000

 ECFF97

 001A00

 FFFFB3

 000000

 FFFFCE

 FFFFEC

 5E9200

 63920F

 68921D

 6E922C

 73923A

 789249

 7D9258

 829266

 889275

 8D9283

Harmonies

Analogous

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



9A8300



5E9200



009B49

Triad

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



5E9200



0098ED



EA4182

Complementary

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



5E9200



340092

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.



CD54BC



5E9200



008AFB

Square

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



5E9200



009EC2



8672E9



E64F48

Rectangle

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



5E9200



009D72



8672E9



E54496

Sweetspot

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



5E9200



A9BD84



923300



525E3C



DEDEDE



5E5E5E

Same Dimension

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



5E9200



79BD00



169200



474A43



598A00



070A00

Inverse Universe

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



340092



4300BD



7C0092



45434A



31008A



04000A

Previews

White Background



This preview shows how the Hex color 5E9200 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 5E9200 Background



This preview shows how black text looks on a background with the Hex color 5E9200.

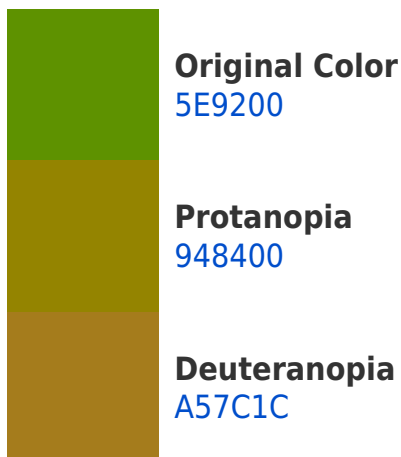



This preview shows how white text looks on a background with the Hex color 5E9200.

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





Tritanopia
6D8893

Trichromacy



Original Color
5E9200

Protanomaly
808900

Deuteranomaly
8B8412

Tritanomaly
688C5E

Monochromacy



Original Color
5E9200

Achromatopsia
727272

Achromatomaly
6B7E49

CSS Examples

Text

The CSS property to change the color of the text to Hex 5E9200 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 #5E9200 looks like.

```
.text, #text, p{  
    color:#5E9200  
}
```

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 #5E9200 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E9200
}
```

Border

The CSS property to change the border of an element to Hex 5E9200 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
#5E9200 }
```

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

```
.border{ border-color:#5E9200 }
```

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

Here you see how a box with a 4 pixel #5E9200 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E9200; -webkit-box-shadow:4px 4px  
4px 4px #5E9200; box-shadow:4px 4px 4px  
4px #5E9200 }
```

Background

The CSS property to change the background color of an element to Hex 5E9200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E9200 }
```

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

```
.background{ background-color:#5E9200 }
```

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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