

Converting Colors

Hex(5E990B)

Have a look what the booklet for
Hex(5E990B) contains.

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Color

Hex(5E990B)

Conversions

Conversions Part 1

Format	Color
Hex	5E990B
RGB	94, 153, 11
RGB Percent	37%, 60%, 4%
CMY	0.6314, 0.4000, 0.9569
CMYK	0.39, 0.00, 0.93, 0.40
HSL	85°, 87%, 32%
HSV	85°, 93%, 60%
XYZ	16.0677, 25.1863, 4.3312
YIQ	119.1710, 10.4180, -56.6700

Conversions

Conversions Part 2

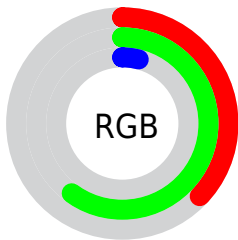
Format	Color
R_{YB}	11, 153, 70
Decimal	6199563
CIE Lab	57.26, -39.29, 58.03
CIE LCh	57, 70.084, 124.103
Yxy	25.1863, 0.3525, 0.5525
Android (android.graphics.Color)	4284389643 (0xFF5E990B)
YUV	119.1710, -53.3283, -22.0750
Hunter-Lab	50.1860, -30.6762, 30.0133

Details

The Hex color **5E990B** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **460B99**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **96D04B**, and **256500** is the 20% darker color. If you saturate the color by 10%, you get **599900**, and if you desaturate by 10%, it is **64991A**.

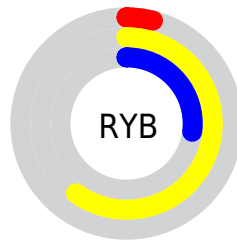
Distribution



Red (37%)

Green (60%)

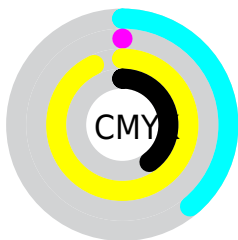
Blue (4%)



Red (4%)

Yellow (60%)

Blue (27%)

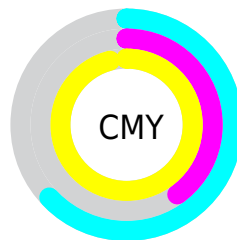


Cyan (39%)

Magenta (0%)

Yellow (93%)

Black (40%)



Cyan (63%)

Magenta (40%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5E990B 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 5E990B by changing the saturation by 10% instead.



5E990B



5E990B

FFFFFF



427F00



96D04B



256500



B2EC66



004D00



CFFF81



003500



ECFF9D



002100



FFFFB9



000000



FFFFD5



FFFFF3



5E990B



5E990B

■ 599900

■ 64991A

■ 6B992A

■ 719939

■ 779948

■ 7E9957

■ 849967

■ 8A9976

■ 919985

■ 979995

Harmonies

Analogous

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



9E8A00



5E990B



00A151

Triad

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



5E990B



009EF8



F44584

Complementary

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



5E990B



460B99

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.



D856C0



5E990B



008EFF

Square

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



5E990B



00A4CD



9375F0



EE5548

Rectangle

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



5E990B



00A47B



9375F0



EF4898

Sweetspot

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



5E990B



B0C78F



99440B



556342



E3E3E3



636363

Same Dimension

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



5E990B



74C700



19990B



494D45



528C00



070D00

Inverse Universe

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



460B99



5300C7



8B0B99



48454D



3A008C



05000D

Previews

White Background



This preview shows how the Hex color 5E990B looks on a white background.

Color Contrast Check

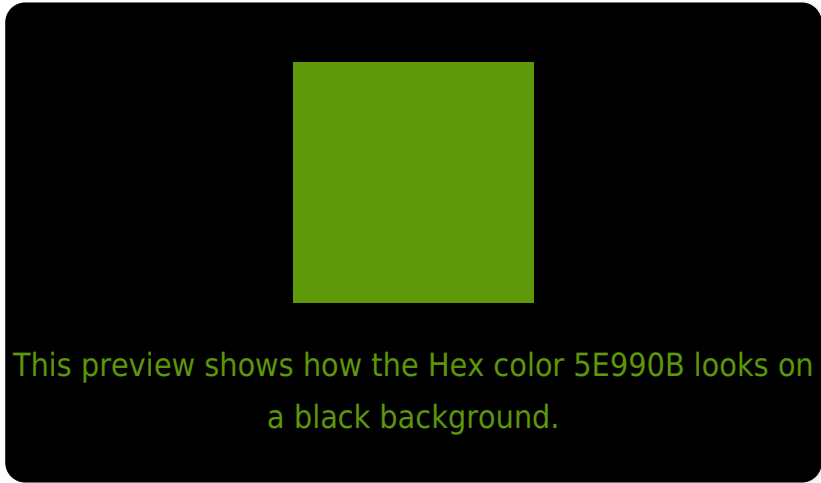
Large Text (above 18pt) WCAG AA ✓ Pass

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 5E990B Background



This preview shows how black text looks on a background with the Hex color 5E990B.

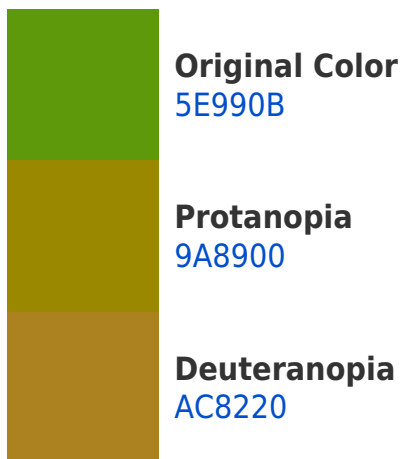


This preview shows how white text looks on a background with the Hex color 5E990B.

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
6F8E9A

Trichromacy



Original Color
5E990B

Protanomaly
848F04

Deuteranomaly
908A18

Tritanomaly
699266

Monochromacy



Original Color
5E990B

Achromatopsia
777777

Achromatomaly
6E8350

CSS Examples

Text

The CSS property to change the color of the text to Hex 5E990B 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 #5E990B looks like.

```
.text, #text, p{  
    color:#5E990B  
}
```

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 #5E990B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E990B
}
```

Border

The CSS property to change the border of an element to Hex 5E990B 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
#5E990B }
```

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

```
.border{ border-color:#5E990B }
```

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

Here you see how a box with a 4 pixel #5E990B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E990B; -webkit-box-shadow:4px 4px  
4px 4px #5E990B; box-shadow:4px 4px 4px  
4px #5E990B }
```

Background

The CSS property to change the background color of an element to Hex 5E990B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E990B }
```

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

```
.background{ background-color:#5E990B }
```

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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