

Converting Colors

Hex(56970B)

Have a look what the booklet for
Hex(56970B) contains.

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Color

Hex(56970B)

Conversions

Conversions Part 1

Format	Color
Hex	56970B
RGB	86, 151, 11
RGB Percent	34%, 59%, 4%
CMY	0.6627, 0.4078, 0.9569
CMYK	0.43, 0.00, 0.93, 0.41
HSL	88°, 86%, 32%
HSV	88°, 93%, 59%
XYZ	14.9648, 24.1358, 4.1866
YIQ	115.6050, 6.2000, -57.3200

Conversions

Conversions Part 2

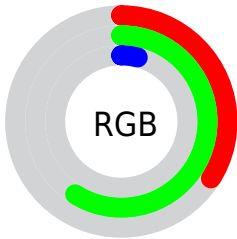
Format	Color
RYB	11, 151, 76
Decimal	5674763
CIELab	56.22, -41.32, 57.02
CIELCh	56, 70.416, 125.929
Yxy	24.1358, 0.3457, 0.5576
Android (android.graphics.Color)	4283864843 (0xFF56970B)
YUV	115.6050, -51.5703, -25.9636
Hunter-Lab	49.1282, -31.6021, 29.3372

Details

The Hex color **56970B** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **4C0B97**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **8ECE4A**, and **1B6300** is the 20% darker color. If you saturate the color by 10%, you get **519700**, and if you desaturate by 10%, it is **5D971A**.

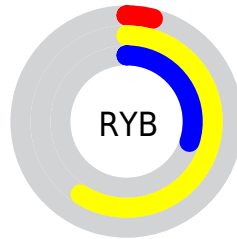
Distribution



Red (34%)

Green (59%)

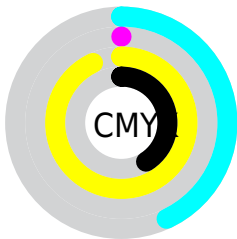
Blue (4%)



Red (4%)

Yellow (59%)

Blue (30%)

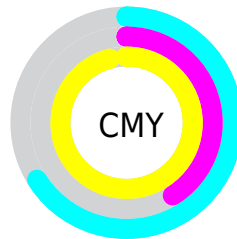


Cyan (43%)

Magenta (0%)

Yellow (93%)

Black (41%)



Cyan (66%)

Magenta (41%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 56970B 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 56970B by changing the saturation by 10% instead.



56970B



56970B

FFFFFF



3A7D00



8ECE4A



1B6300



AAEA65



004B00



C7FF80



003300



E4FF9C



001E00



FFFFB8



000000



FFFFD5



FFFFF2



56970B



56970B

■ 519700

■ 5D971A

■ 649729

■ 6B9738

■ 729747

■ 799756

■ 809766

■ 879775

■ 8E9784

■ 959793

Harmonies

Analogous

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



978800



56970B



009F52

Triad

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



56970B



009AF7



F2417D

Complementary

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



56970B



4C0B97

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.



D951BA



56970B



008AFF

Square

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



56970B



00A1CE



9670EB



EA5442

Rectangle

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



56970B



00A27C



9670EB



ED4392

Sweetspot

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



56970B



ABC48D



974A0B



546342



E3E3E3



636363

Same Dimension

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



56970B



69C400



12970B



494D45



4B8C00



070D00

Inverse Universe

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



4C0B97



5B00C4



900B97



48454D



41008C



06000D

Previews

White Background



This preview shows how the Hex color 56970B looks on a white background.

Color Contrast Check

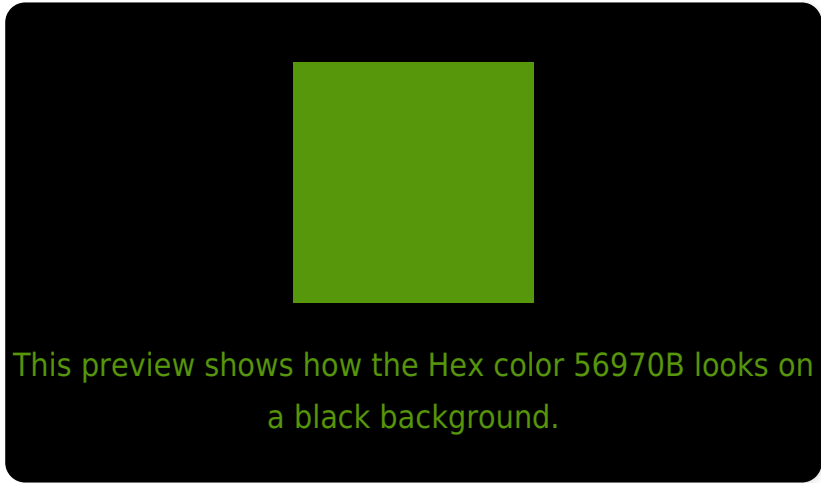
Large Text (above 18pt) WCAG AA ✓ Pass

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 56970B Background



This preview shows how black text looks on a background with the Hex color 56970B.

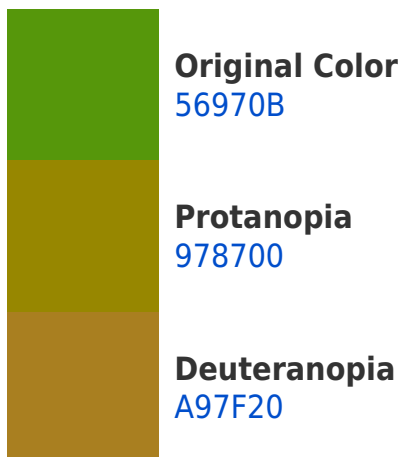


This preview shows how white text looks on a background with the Hex color 56970B.

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
688C98

Trichromacy



Original Color
56970B

Protanomaly
7F8D04

Deuteranomaly
8B8818

Tritanomaly
619065

Monochromacy



Original Color
56970B

Achromatopsia
747474

Achromatomaly
69814E

CSS Examples

Text

The CSS property to change the color of the text to Hex 56970B 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 #56970B looks like.

```
.text, #text, p{  
    color:#56970B  
}
```

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 #56970B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #56970B
}
```

Border

The CSS property to change the border of an element to Hex 56970B 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
#56970B }
```

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

```
.border{ border-color:#56970B }
```

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

Here you see how a box with a 4 pixel #56970B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #56970B; -webkit-box-shadow:4px 4px  
4px 4px #56970B; box-shadow:4px 4px 4px  
4px #56970B }
```

Background

The CSS property to change the background color of an element to Hex 56970B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#56970B }
```

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

```
.background{ background-color:#56970B }
```

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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