

Converting Colors

Hex(4B9B0F)

Have a look what the booklet for
Hex(4B9B0F) contains.

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Color

Hex(4B9B0F)

Conversions

Conversions Part 1

Format	Color
Hex	4B9B0F
RGB	75, 155, 15
RGB Percent	29%, 61%, 6%
CMY	0.7059, 0.3922, 0.9412
CMYK	0.52, 0.00, 0.90, 0.39
HSL	94°, 82%, 33%
HSV	94°, 90%, 61%
XYZ	14.7092, 24.9730, 4.4970
YIQ	115.1200, -2.7400, -60.5000

Conversions

Conversions Part 2

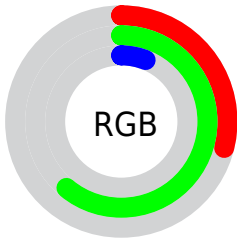
Format	Color
RYB	15, 155, 95
Decimal	4954895
CIELab	57.05, -46.42, 56.81
CIELCh	57, 73.369, 129.252
Yxy	24.9730, 0.3329, 0.5653
Android (android.graphics.Color)	4283144975 (0xFF4B9B0F)
YUV	115.1200, -49.3592, -35.1852
Hunter-Lab	49.9730, -34.9125, 29.6457

Details

The Hex color **4B9B0F** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **5F0F9B**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **84D24D**, and **006700** is the 20% darker color. If you saturate the color by 10%, you get **429B00**, and if you desaturate by 10%, it is **549B1F**.

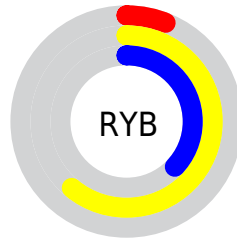
Distribution



Red (29%)

Green (61%)

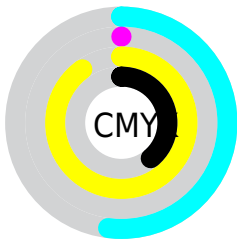
Blue (6%)



Red (6%)

Yellow (61%)

Blue (37%)

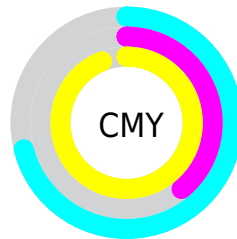


Cyan (52%)

Magenta (0%)

Yellow (90%)

Black (39%)



Cyan (71%)

Magenta (39%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4B9B0F 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 4B9B0F by changing the saturation by 10% instead.



4B9B0F



4B9B0F

FFFFFF



2C8000



84D24D



006700



A0EF68



004E00



BDFE83



003600



DAFF9E



002000



F8FFBA



000000



FFFFD7



FFFFF4



4B9B0F



4B9B0F

■ 429B00

■ 549B1F

■ 5D9B2E

■ 669B3E

■ 6E9B4D

■ 779B5D

■ 809B6C

■ 899B7C

■ 929B8B

■ 9B9B9B

Harmonies

Analogous

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



938C00



4B9B0F



00A359

Triad

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



4B9B0F



009CFF



F93E78

Complementary

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



4B9B0F



5F0F9B

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.



E34CB8



4B9B0F



008AFF

Square

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



4B9B0F



00A4D9



A36EED



ED563B

Rectangle

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



4B9B0F



00A585



A36EED



F63E8D

Sweetspot

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



4B9B0F



AAC993



9B5E0F



536645



E6E6E6



666666

Same Dimension

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



4B9B0F



56C900



0F9B18



484D45



3C8C00



050D00

Inverse Universe

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



5F0F9B



7300C9



9B0F92



49454D



50008C



07000D

Previews

White Background



This preview shows how the Hex color 4B9B0F looks on a white background.

Color Contrast Check

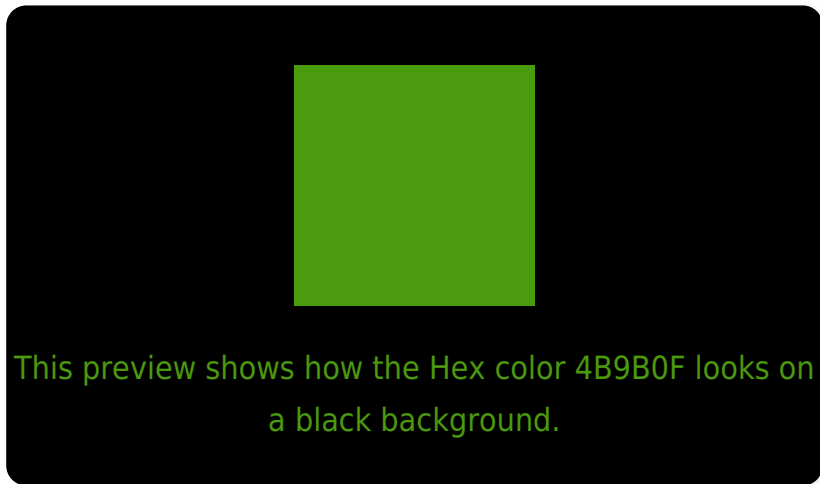
Large Text (above 18pt) WCAG AA ✓ Pass

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 4B9B0F Background



This preview shows how black text looks on a background with the Hex color 4B9B0F.

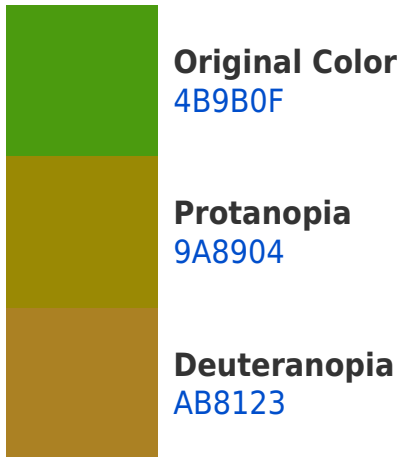


This preview shows how white text looks on a background with the Hex color 4B9B0F.

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](#).

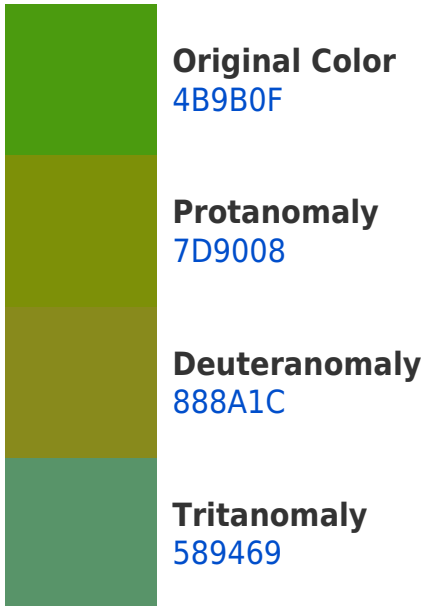
Dichromacy



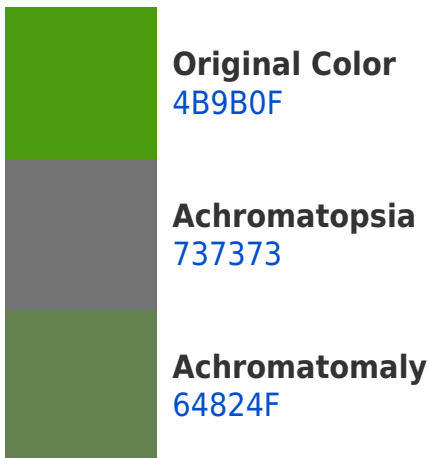


Tritanopia
60909C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4B9B0F 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 #4B9B0F looks like.

```
.text, #text, p{  
    color:#4B9B0F  
}
```

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 #4B9B0F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B9B0F
}
```

Border

The CSS property to change the border of an element to Hex 4B9B0F 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
#4B9B0F }
```

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

```
.border{ border-color:#4B9B0F }
```

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

Here you see how a box with a 4 pixel #4B9B0F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B9B0F; -webkit-box-shadow:4px 4px  
4px 4px #4B9B0F; box-shadow:4px 4px 4px  
4px #4B9B0F }
```

Background

The CSS property to change the background color of an element to Hex 4B9B0F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B9B0F }
```

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

```
.background{ background-color:#4B9B0F }
```

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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