

Converting Colors

Hex(639B06)

Have a look what the booklet for
Hex(639B06) contains.

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Color

Hex(639B06)

Conversions

Conversions Part 1

Format	Color
Hex	639B06
RGB	99, 155, 6
RGB Percent	39%, 61%, 2%
CMY	0.6118, 0.3922, 0.9765
CMYK	0.36, 0.00, 0.96, 0.39
HSL	83°, 93%, 32%
HSV	83°, 96%, 61%
XYZ	16.8998, 26.1085, 4.3210
YIQ	121.2700, 14.4530, -58.2110

Conversions

Conversions Part 2

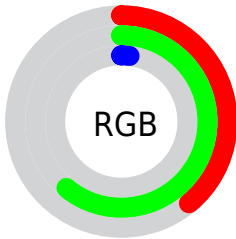
Format	Color
RYB	6, 155, 62
Decimal	6527750
CIELab	58.14, -38.41, 59.61
CIELCh	58, 70.912, 122.797
Yxy	26.1085, 0.3571, 0.5516
Android (android.graphics.Color)	4284717830 (0xFF639B06)
YUV	121.2700, -56.8281, -19.5308
Hunter-Lab	51.0965, -30.3812, 30.7536

Details

The Hex color **639B06** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **3E069B**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **9BD24A**, and **2B6700** is the 20% darker color. If you saturate the color by 10%, you get **619B00**, and if you desaturate by 10%, it is **699B16**.

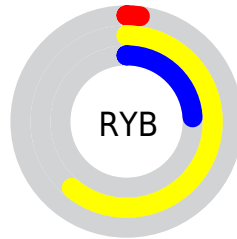
Distribution



Red (39%)

Green (61%)

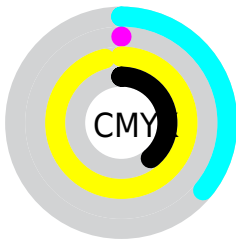
Blue (2%)



Red (2%)

Yellow (61%)

Blue (24%)

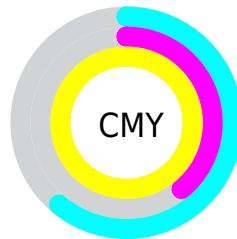


Cyan (36%)

Magenta (0%)

Yellow (96%)

Black (39%)



Cyan (61%)

Magenta (39%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color 639B06 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 639B06 by changing the saturation by 10% instead.



639B06



639B06

FFFFFF



478100



9BD24A



2B6700



B7EE65



054F00



D4FF80



003700



F2FF9C



002300



FFFFB8



000000



FFFFD5



FFFFF2



639B06



639B06

■ 619B00

■ 699B16

■ 6F9B25

■ 749B35

■ 7A9B44

■ 809B54

■ 869B63

■ 8C9B73

■ 929B82

■ 979B92

Harmonies

Analogous

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



A38B00



639B06



00A44F

Triad

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



639B06



00A1FA



F74789

Complementary

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



639B06



3E069B

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.



DA59C6



639B06



0092FF

Square

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



639B06



00A7CE



9178F5



F3564C

Rectangle

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



639B06



00A77A



9178F5



F2499D

Sweetspot

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



639B06



B3C98F



9B3D06



596642



E6E6E6



666666

Same Dimension

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



639B06



7EC900



1A9B06



4A4D45



588C00



080D00

Inverse Universe

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



3E069B



4C00C9



87069B



48454D



35008C



05000D

Previews

White Background



This preview shows how the Hex color 639B06 looks on a white background.

Color Contrast Check

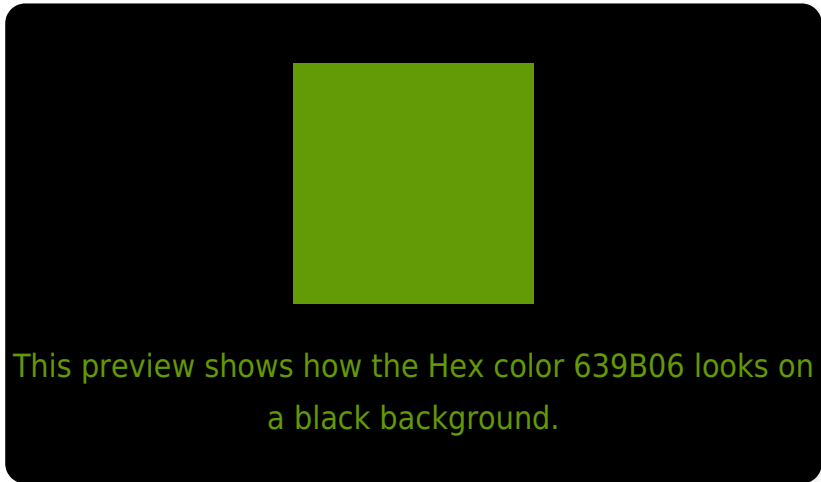
Large Text (above 18pt) WCAG AA ✓ Pass

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 639B06 Background



This preview shows how black text looks on a background with the Hex color 639B06.



This preview shows how white text looks on a background with the Hex color 639B06.

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
639B06

Protanopia
9D8C00

Deuteranopia
AF841F



Tritanopia
73909C

Trichromacy



Original Color
639B06

Protanomaly
889102

Deuteranomaly
938C16

Tritanomaly
6D9465

Monochromacy



Original Color
639B06

Achromatopsia
797979

Achromatomaly
71854F

CSS Examples

Text

The CSS property to change the color of the text to Hex 639B06 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 #639B06 looks like.

```
.text, #text, p{  
    color:#639B06  
}
```

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 #639B06 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #639B06
}
```

Border

The CSS property to change the border of an element to Hex 639B06 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
#639B06 }
```

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

```
.border{ border-color:#639B06 }
```

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

Here you see how a box with a 4 pixel #639B06 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #639B06; -webkit-box-shadow:4px 4px  
4px 4px #639B06; box-shadow:4px 4px 4px  
4px #639B06 }
```

Background

The CSS property to change the background color of an element to Hex 639B06 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#639B06 }
```

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

```
.background{ background-color:#639B06 }
```

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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