

Converting Colors

Hex(649006)

Have a look what the booklet for
Hex(649006) contains.

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Color

Hex(649006)

Conversions

Conversions Part 1

Format	Color
Hex	649006
RGB	100, 144, 6
RGB Percent	39%, 56%, 2%
CMY	0.6078, 0.4353, 0.9765
CMYK	0.31, 0.00, 0.96, 0.44
HSL	79°, 92%, 29%
HSV	79°, 96%, 56%
XYZ	15.2617, 22.6690, 3.7435
YIQ	115.1120, 18.0740, -52.2460

Conversions

Conversions Part 2

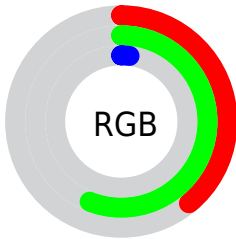
Format	Color
RYB	6, 144, 50
Decimal	6590470
CIELab	54.73, -33.11, 56.91
CIELCh	55, 65.843, 120.186
Yxy	22.6690, 0.3662, 0.5440
Android (android.graphics.Color)	4284780550 (0xFF649006)
YUV	115.1120, -53.7922, -13.2532
Hunter-Lab	47.6120, -26.1041, 28.6667

Details

The Hex color **649006** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **320690**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **9BC647**, and **2E5D00** is the 20% darker color. If you saturate the color by 10%, you get **629000**, and if you desaturate by 10%, it is **699014**.

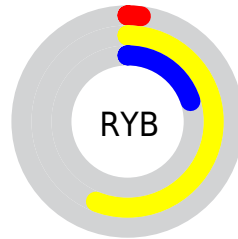
Distribution



Red (39%)

Green (56%)

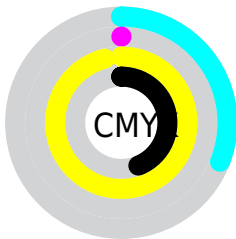
Blue (2%)



Red (2%)

Yellow (56%)

Blue (20%)

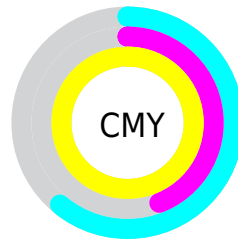


Cyan (31%)

Magenta (0%)

Yellow (96%)

Black (44%)



Cyan (61%)

Magenta (44%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color 649006 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 649006 by changing the saturation by 10% instead.



649006



649006

FFFFFF



497600



9BC647



2E5D00



B7E262



0F4500



D4FF7D



002E00



F1FF99



001900



FFFFB4



000000



FFFFD1



FFFFEE



649006



649006

■ 629000

■ 699014

■ 6D9023

■ 729031

■ 769040

■ 7B904E

■ 80905C

■ 84906B

■ 899079

■ 8D9088

Harmonies

Analogous

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



9D8100



649006



009947

Triad

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



649006



0097E6



E54585

Complementary

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



649006



320690

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.



C758BD



649006



008AF6

Square

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



649006



009CBB



8074E6



E3504D

Rectangle

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



649006



009C6E



8074E6



DF4998

Sweetspot

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



649006



A9BA84



903206



545E3D



DEDEDE



5E5E5E

Same Dimension

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



649006



7FBA00



1F9006



454740



5C8700



050800

Inverse Universe

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



320690



3B00BA



770690



434047



2B0087



020008

Previews

White Background



This preview shows how the Hex color 649006 looks on a white background.

Color Contrast Check

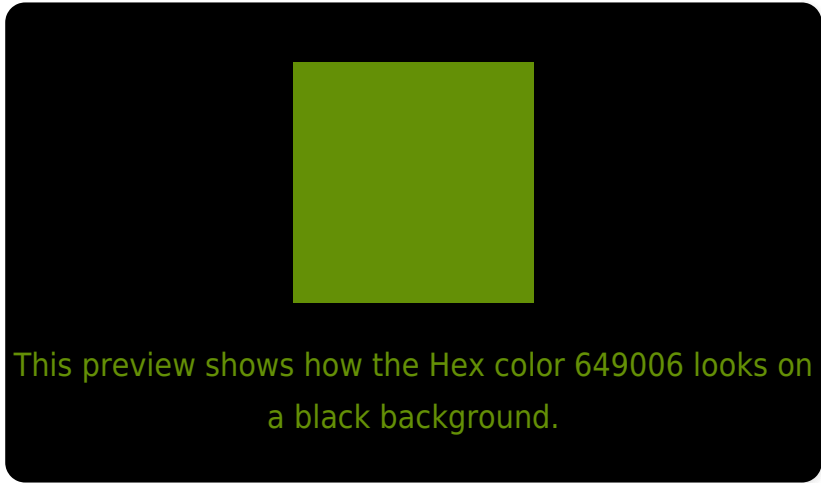
Large Text (above 18pt) WCAG AA ✓ Pass

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 649006 Background



This preview shows how black text looks on a background with the Hex color 649006.



This preview shows how white text looks on a background with the Hex color 649006.

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](#).

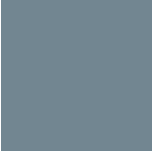
Dichromacy



Original Color
649006

Protanopia
938300

Deuteranopia
A47C1C



Tritanopia
728691

Trichromacy



Original Color
649006

Protanomaly
828802

Deuteranomaly
8D8314

Tritanomaly
6D8A5E

Monochromacy



Original Color
649006

Achromatopsia
737373

Achromatomaly
6E7E4B

CSS Examples

Text

The CSS property to change the color of the text to Hex 649006 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 #649006 looks like.

```
.text, #text, p{  
    color:#649006  
}
```

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 #649006 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #649006
}
```

Border

The CSS property to change the border of an element to Hex 649006 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
#649006 }
```

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

```
.border{ border-color:#649006 }
```

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

Here you see how a box with a 4 pixel #649006 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #649006; -webkit-box-shadow:4px 4px  
4px 4px #649006; box-shadow:4px 4px 4px  
4px #649006 }
```

Background

The CSS property to change the background color of an element to Hex 649006 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#649006 }
```

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

```
.background{ background-color:#649006 }
```

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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