

Converting Colors

Hex(646C01)

Have a look what the booklet for
Hex(646C01) contains.

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Color

Hex(646C01)

Conversions

Conversions Part 1

Format	Color
Hex	646C01
RGB	100, 108, 1
RGB Percent	39%, 42%, 0%
CMY	0.6078, 0.5765, 0.9961
CMYK	0.07, 0.00, 0.99, 0.58
HSL	64°, 98%, 21%
HSV	64°, 99%, 42%
XYZ	10.6236, 13.4366, 2.0623
YIQ	93.4100, 29.5790, -34.9730

Conversions

Conversions Part 2

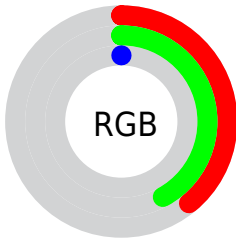
Format	Color
R_{YB}	1, 108, 9
Decimal	6581249
CIE Lab	43.41, -15.24, 49.13
CIE LCh	43, 51.436, 107.240
Yxy	13.4366, 0.4067, 0.5144
Android (android.graphics.Color)	4284771329 (0xFF646C01)
YUV	93.4100, -45.5581, 5.7794
Hunter-Lab	36.6560, -12.4156, 22.3235

Details

The Hex color **646C01** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **09016C**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **9A9F3D**, and **313D00** is the 20% darker color. If you saturate the color by 10%, you get **646C00**, and if you desaturate by 10%, it is **656C0C**.

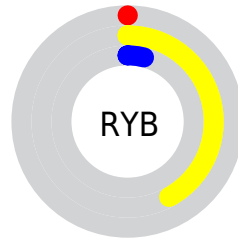
Distribution



Red (39%)

Green (42%)

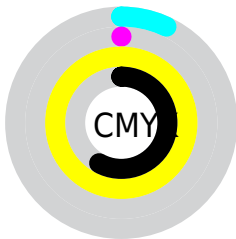
Blue (0%)



Red (0%)

Yellow (42%)

Blue (4%)

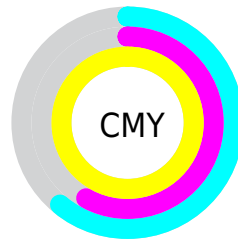


Cyan (7%)

Magenta (0%)

Yellow (99%)

Black (58%)



Cyan (61%)

Magenta (58%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 646C01 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 646C01 by changing the saturation by 10% instead.



646C01



646C01



FFFFFFC



4A5400



9A9F3D



313D00



B6BA57



182700



D2D671



001400



F0F28B



000000



FFFA7



FFFC2



FFFDf



646C01



646C01

■ 646C00

■ 656C0C

■ 666C17

■ 666C21

■ 676C2C

■ 686C37

■ 696C42

■ 6A6C4D

■ 6A6C57

■ 6B6C62

Harmonies

Analogous

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



8A5E04



646C01



307528

Triad

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



646C01



0078A4



AA3E7B

Complementary

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



646C01



09016C

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.



8750A1



646C01



0071BA

Square

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



646C01



007A7F



3F63B8



B33D50

Rectangle

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



646C01



007844



3F63B8



A14388

Sweetspot

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



646C01



898C62



6C0801



45472E



C7C7C7



474747

Same Dimension

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



646C01



828C00



2F6C01



353630



6D7500



E2F500

Inverse Universe

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



09016C



0A008C



3E016C



313036



090075



1200F5

Previews

White Background



This preview shows how the Hex color 646C01 looks on a white background.

Color Contrast Check

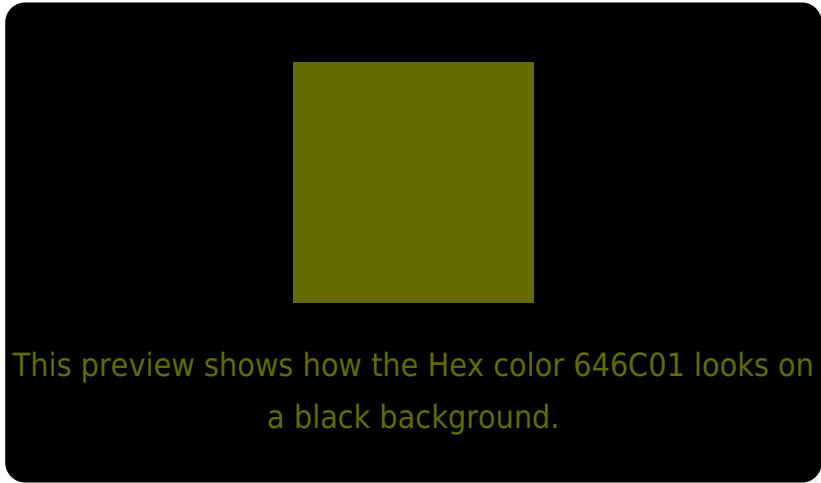
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 646C01 Background



This preview shows how black text looks on a background with the Hex color 646C01.



This preview shows how white text looks on a background with the Hex color 646C01.

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](#).

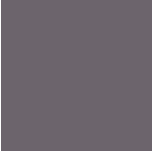
Dichromacy



Original Color
646C01

Protanopia
746700

Deuteranopia
816112



Tritanopia
6C646C

Trichromacy



Original Color
646C01

Protanomaly
6E6900

Deuteranomaly
76650C

Tritanomaly
696745

Monochromacy



Original Color
646C01

Achromatopsia
5D5D5D

Achromatomaly
60623C

CSS Examples

Text

The CSS property to change the color of the text to Hex 646C01 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 #646C01 looks like.

```
.text, #text, p{  
    color:#646C01  
}
```

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 #646C01 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #646C01
}
```

Border

The CSS property to change the border of an element to Hex 646C01 is called "border". The border property can be set on classes, ids or directly on the HTML element.

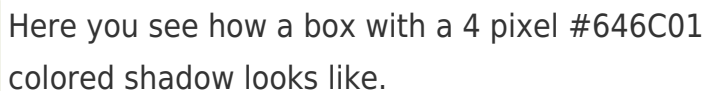
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#646C01 }
```

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

```
.border{ border-color:#646C01 }
```

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

A rectangular box with a 4px #646C01 colored shadow. The box is white with a thin black border and a thick #646C01 shadow on the right and bottom sides. The text inside the box reads: "Here you see how a box with a 4 pixel #646C01 colored shadow looks like."

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #646C01; -webkit-box-shadow:4px 4px  
4px 4px #646C01; box-shadow:4px 4px 4px  
4px #646C01 }
```

Background

The CSS property to change the background color of an element to Hex 646C01 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#646C01 }
```

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

```
.background{ background-color:#646C01 }
```

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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