

Converting Colors

Hex(647C15)

Have a look what the booklet for
Hex(647C15) contains.

Hex(647C15)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(647C15)

Conversions

Conversions Part 1

Format	Color
Hex	647C15
RGB	100, 124, 21
RGB Percent	39%, 49%, 8%
CMY	0.6078, 0.5137, 0.9176
CMYK	0.19, 0.00, 0.83, 0.51
HSL	74°, 71%, 28%
HSV	74°, 83%, 49%
XYZ	12.5985, 17.1788, 3.3613
YIQ	105.0820, 18.7590, -37.1210

Conversions

Conversions Part 2

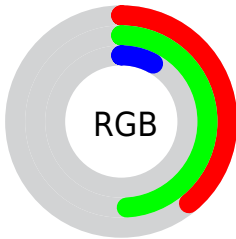
Format	Color
R_YB	21, 124, 45
Decimal	6585365
CIE Lab	48.48, -23.01, 48.44
CIE LCh	48, 53.629, 115.413
Yxy	17.1788, 0.3802, 0.5184
Android (android.graphics.Color)	4284775445 (0xFF647C15)
YUV	105.0820, -41.4524, -4.4569
Hunter-Lab	41.4473, -18.2749, 24.2048

Details

The Hex color **647C15** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **2D157C**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **9AB14B**, and **324B00** is the 20% darker color. If you saturate the color by 10%, you get **617C09**, and if you desaturate by 10%, it is **677C21**.

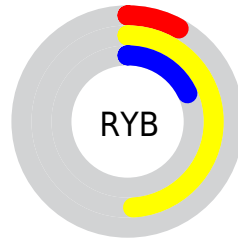
Distribution



Red (39%)

Green (49%)

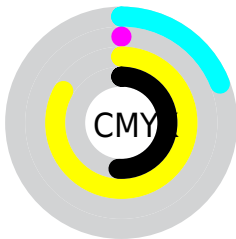
Blue (8%)



Red (8%)

Yellow (49%)

Blue (18%)

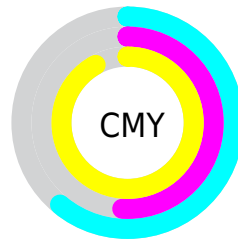


Cyan (19%)

Magenta (0%)

Yellow (83%)

Black (51%)



Cyan (61%)

Magenta (51%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the Hex color 647C15 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 647C15 by changing the saturation by 10% instead.



647C15



647C15

FFFFFF



4A6300



9AB14B



324B00



B6CC65



173400



D2E87F



002000



FFFF9A



000000



FFFFB6



FFFFD2



FFFFEF



647C15



647C15

■ 617C09

■ 677C21

■ 5F7C00

■ 6A7C2E

■ 6D7C3A

■ 707C47

■ 727C53

■ 757C5F

■ 787C6C

■ 7B7C78

■ 7E7C85

Harmonies

Analogous

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



906F07



647C15



21843D

Triad

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



647C15



0084BD



C0477C

Complementary

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



647C15



2D157C

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.



A356A7



647C15



007BCE

Square

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



647C15



008899



666AC6



C34B4F

Rectangle

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



647C15



00875B



666AC6



BA4A8B

Sweetspot

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



647C15



97A178



7C2B15



4C5239



D1D1D1



525252

Same Dimension

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



647C15



7BA100



327C15



3C3D37



607D00



C2FC00

Inverse Universe

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



2D157C



2500A1



5F157C



39373D



1D007D



3B00FC

Previews

White Background



This preview shows how the Hex color 647C15 looks on a white background.

Color Contrast Check

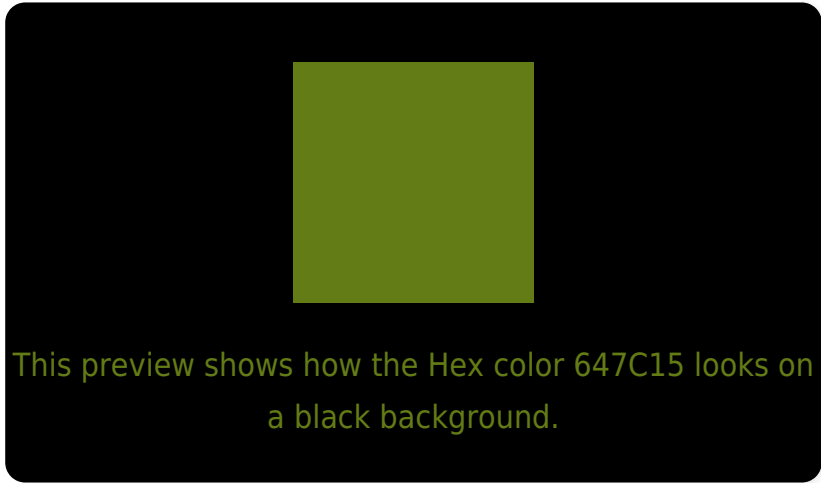
Large Text (above 18pt) WCAG AA ✓ Pass

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 647C15 Background



This preview shows how black text looks on a background with the Hex color 647C15.



This preview shows how white text looks on a background with the Hex color 647C15.

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
647C15

Protanopia
817313

Deuteranopia
906D1E



Tritanopia
6E737D

Trichromacy



Original Color
647C15

Protanomaly
767614

Deuteranomaly
80721B

Tritanomaly
6A7657

Monochromacy



Original Color
647C15

Achromatopsia
696969

Achromatomaly
67704A

CSS Examples

Text

The CSS property to change the color of the text to Hex 647C15 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 #647C15 looks like.

```
.text, #text, p{  
    color:#647C15  
}
```

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 #647C15 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #647C15
}
```

Border

The CSS property to change the border of an element to Hex 647C15 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
#647C15 }
```

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

```
.border{ border-color:#647C15 }
```

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

Here you see how a box with a 4 pixel #647C15 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #647C15; -webkit-box-shadow:4px 4px  
4px 4px #647C15; box-shadow:4px 4px 4px  
4px #647C15 }
```

Background

The CSS property to change the background color of an element to Hex 647C15 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#647C15 }
```

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

```
.background{ background-color:#647C15 }
```

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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