

Converting Colors

Hex(647125)

Have a look what the booklet for
Hex(647125) contains.

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Color

Hex(647125)

Conversions

Conversions Part 1

Format	Color
Hex	647125
RGB	100, 113, 37
RGB Percent	39%, 44%, 15%
CMY	0.6078, 0.5569, 0.8549
CMYK	0.12, 0.00, 0.67, 0.56
HSL	70°, 51%, 29%
HSV	70°, 67%, 44%
XYZ	11.4946, 14.6532, 3.9728
YIQ	100.4490, 16.6480, -26.3920

Conversions

Conversions Part 2

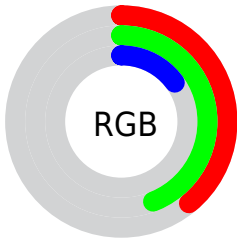
Format	Color
R_{YB}	37, 113, 50
Decimal	6582565
CIE _{Lab}	45.16, -16.34, 39.11
CIE _{LCh}	45, 42.382, 112.678
Yxy	14.6532, 0.3816, 0.4865
Android (android.graphics.Color)	4284772645 (0xFF647125)
YUV	100.4490, -31.2804, -0.3938
Hunter-Lab	38.2794, -13.3889, 20.6423

Details

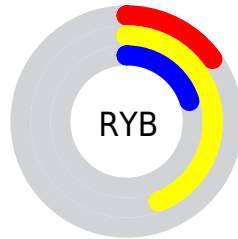
The Hex color **647125** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **322571**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **99A556**, and **334100** is the 20% darker color. If you saturate the color by 10%, you get **62711A**, and if you desaturate by 10%, it is **667130**.

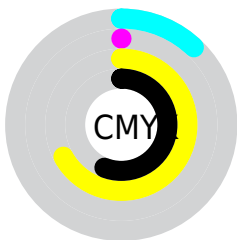
Distribution



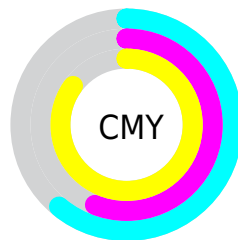
- Red (39%)
- Green (44%)
- Blue (15%)



- Red (15%)
- Yellow (44%)
- Blue (20%)



- Cyan (12%)
- Magenta (0%)
- Yellow (67%)
- Black (56%)



- Cyan (61%)
- Magenta (56%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 647125 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 647125 by changing the saturation by 10% instead.

 647125

 647125

FFFFFF

 4B590A

 99A556

 334100

 B4C06F

 1B2B00

 D0DC8A

 001800

 EDF8A4

 000000

 FFFFC0

 FFFFDC

 FFFFF9

 647125

 647125

■ 62711A

■ 667130

■ 60710E

■ 68713C

■ 5E7103

■ 6A7147

■ 5E7100

■ 6C7152

■ 6E715E

■ 707169

■ 727174

■ 73717F

■ 75718B

Harmonies

Analogous

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



866621



647125



38783E

Triad

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



647125



0079A2



A74C75

Complementary

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



647125



322571

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.



8E5696



647125



0071B1

Square

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



647125



007C85



5D65AC



AC4D52

Rectangle

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



647125



007B55



5D65AC



A14E81

Sweetspot

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



647125



8F9476



713225



474A38



C9C9C9



4A4A4A

Same Dimension

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



647125



7F941C



3E7125



373832



637800



CDF700

Inverse Universe

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



322571



311C94



582571



333238



150078



2A00F7

Previews

White Background



This preview shows how the Hex color 647125 looks on a white background.

Color Contrast Check

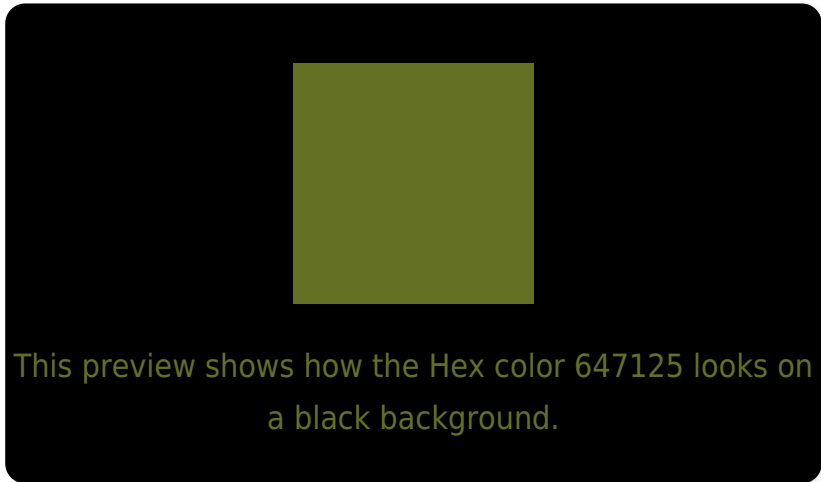
Large Text (above 18pt) WCAG AA ✓ Pass

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

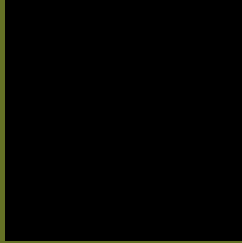
Any Text WCAG AA × Fail

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 647125 Background



This preview shows how black text looks on a background with the Hex color 647125.



This preview shows how white text looks on a background with the Hex color 647125.

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
647125

Protanopia
776B23

Deuteranopia
856529



Tritanopia
6C6A72

Trichromacy



Original Color
647125

Protanomaly
706D24

Deuteranomaly
796928

Tritanomaly
696D56

Monochromacy



Original Color
647125

Achromatopsia
646464

Achromatomaly
64694D

CSS Examples

Text

The CSS property to change the color of the text to Hex 647125 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 #647125 looks like.

```
.text, #text, p{  
    color:#647125  
}
```

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 #647125 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #647125
}
```

Border

The CSS property to change the border of an element to Hex 647125 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
#647125 }
```

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

```
.border{ border-color:#647125 }
```

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

Here you see how a box with a 4 pixel #647125 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #647125; -webkit-box-shadow:4px 4px  
4px 4px #647125; box-shadow:4px 4px 4px  
4px #647125 }
```

Background

The CSS property to change the background color of an element to Hex 647125 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#647125 }
```

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

```
.background{ background-color:#647125 }
```

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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