

Converting Colors

Hex(647142)

Have a look what the booklet for
Hex(647142) contains.

Hex(647142)	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(647142)

Conversions

Conversions Part 1

Format	Color
Hex	647142
RGB	100, 113, 66
RGB Percent	39%, 44%, 26%
CMY	0.6078, 0.5569, 0.7412
CMYK	0.12, 0.00, 0.42, 0.56
HSL	77°, 26%, 35%
HSV	77°, 42%, 44%
XYZ	12.1440, 14.9129, 7.3927
YIQ	103.7550, 7.3390, -17.3730

Conversions

Conversions Part 2

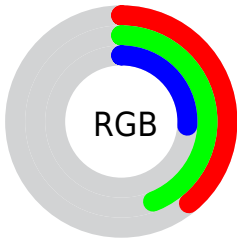
Format	Color
RYB	66, 113, 79
Decimal	6582594
CIELab	45.51, -13.32, 24.47
CIElCh	46, 27.858, 118.558
Yxy	14.9129, 0.3525, 0.4329
Android (android.graphics.Color)	4284772674 (0xFF647142)
YUV	103.7550, -18.6132, -3.2931
Hunter-Lab	38.6173, -11.4470, 15.6819

Details

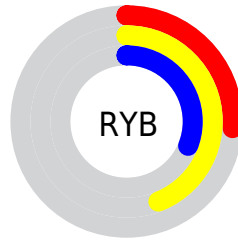
The Hex color **647142** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **4F4271**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **98A573**, and **344115** is the 20% darker color. If you saturate the color by 10%, you get **617137**, and if you desaturate by 10%, it is **67714D**.

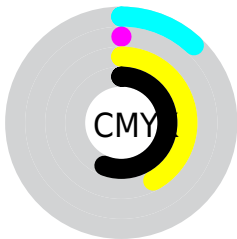
Distribution



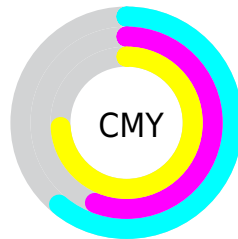
- Red (39%)
- Green (44%)
- Blue (26%)



- Red (26%)
- Yellow (44%)
- Blue (31%)



- Cyan (12%)
- Magenta (0%)
- Yellow (42%)
- Black (56%)



- Cyan (61%)
- Magenta (56%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color 647142 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 647142 by changing the saturation by 10% instead.



647142



647142

FFFFFF



4C592B



98A573



344115



B3C08C



1F2B00



CEDCA7



001800



EBF8C2



000000



FFFFDE



FFFFFB



647142



647142



617137



67714D

■ 5E712B

■ 6A7159

■ 5B7120

■ 6D7164

■ 577115

■ 71716F

■ 54710A

■ 74717B

■ 527100

■ 777186

■ 7A7191

■ 7D719C

■ 8071A8

Harmonies

Analogous

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



7C6A3D



647142



487653

Triad

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



647142



1A7493



975A6E

Complementary

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



647142



4F4271

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.



885E84



647142



476E9A

Square

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



647142



007881



6D6695



985B57

Rectangle

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



647142



337862



6D6695



935A76

Sweetspot

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



647142



8F9482



714F42



474A40



C9C9C9



4A4A4A

Same Dimension

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



647142



7F944A



4D7142



373832



577800



B3F700

Inverse Universe

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



4F4271



5E4A94



664271



343238



210078



4400F7

Previews

White Background



This preview shows how the Hex color 647142 looks on a white background.

Color Contrast Check

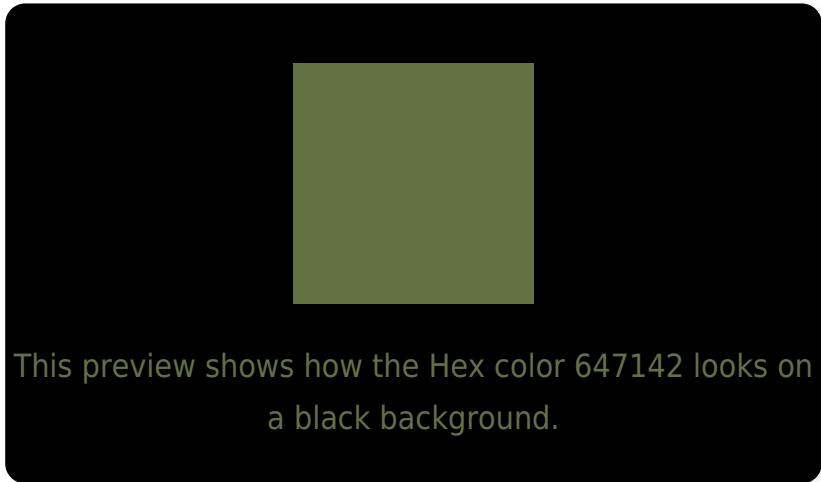
Large Text (above 18pt) WCAG AA ✓ Pass

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

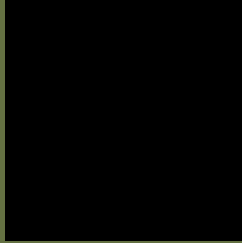
Any Text WCAG AA × Fail

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 647142 Background



This preview shows how black text looks on a background with the Hex color 647142.



This preview shows how white text looks on a background with the Hex color 647142.

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
647142

Protanopia
766C40

Deuteranopia
826744



Tritanopia
6A6B74

Trichromacy



Original Color
647142

Protanomaly
6F6E41

Deuteranomaly
776B43

Tritanomaly
686D62

Monochromacy



Original Color
647142

Achromatopsia
686868

Achromatomaly
676B5A

CSS Examples

Text

The CSS property to change the color of the text to Hex 647142 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 #647142 looks like.

```
.text, #text, p{  
    color:#647142  
}
```

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 #647142 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #647142
}
```

Border

The CSS property to change the border of an element to Hex 647142 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
#647142 }
```

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

```
.border{ border-color:#647142 }
```

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

Here you see how a box with a 4 pixel #647142 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #647142; -webkit-box-shadow:4px 4px  
4px 4px #647142; box-shadow:4px 4px 4px  
4px #647142 }
```

Background

The CSS property to change the background color of an element to Hex 647142 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#647142 }
```

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

```
.background{ background-color:#647142 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor