

Converting Colors

Hex(647042)

Have a look what the booklet for
Hex(647042) contains.

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Color

Hex(647042)

Conversions

Conversions Part 1

Format	Color
Hex	647042
RGB	100, 112, 66
RGB Percent	39%, 44%, 26%
CMY	0.6078, 0.5608, 0.7412
CMYK	0.11, 0.00, 0.41, 0.56
HSL	76°, 26%, 35%
HSV	76°, 41%, 44%
XYZ	12.0331, 14.6910, 7.3557
YIQ	103.1680, 7.6140, -16.8500

Conversions

Conversions Part 2

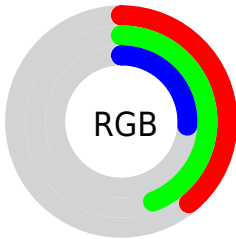
Format	Color
RYB	66, 112, 78
Decimal	6582338
CIELab	45.21, -12.76, 24.08
CIElCh	45, 27.251, 117.932
Yxy	14.6910, 0.3531, 0.4311
Android (android.graphics.Color)	4284772418 (0xFF647042)
YUV	103.1680, -18.3238, -2.7783
Hunter-Lab	38.3289, -11.0367, 15.4519

Details

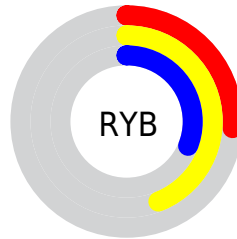
The Hex color **647042** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **4E4270**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **98A473**, and **344015** is the 20% darker color. If you saturate the color by 10%, you get **617037**, and if you desaturate by 10%, it is **67704D**.

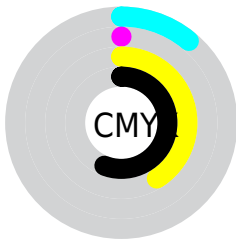
Distribution



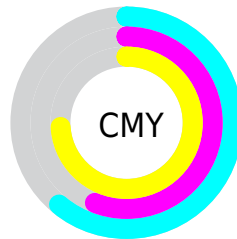
- Red (39%)
- Green (44%)
- Blue (26%)



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



- Cyan (11%)
- Magenta (0%)
- Yellow (41%)
- Black (56%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 647042 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 647042 by changing the saturation by 10% instead.



647042



647042

FFFFFF



4C582B



98A473



344015



B3BF8C



1F2A00



CEDBA7



001700



EBF7C2



000000



FFFFDE



FFFFFB



647042



647042



617037



67704D

■ 5E702C

■ 6A7058

■ 5B7020

■ 6D7064

■ 587015

■ 70706F

■ 55700A

■ 73707A

■ 537000

■ 767085

■ 787090

■ 7B709C

■ 7E70A7

Harmonies

Analogous

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



7B693D



647042



497552

Triad

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



647042



1C7491



95596D

Complementary

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



647042



4E4270

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.



865E83



647042



476E98

Square

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



647042



05777F



6B6693



975B57

Rectangle

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



647042



357761



6B6693



915A75

Sweetspot

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



647042



8D9180



704E42



474A40



C9C9C9



4A4A4A

Same Dimension

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



647042



7F914A



4E7042



373832



597800



B7F700

Inverse Universe

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



4E4270



5D4A91



654270



343238



1F0078



4100F7

Previews

White Background



This preview shows how the Hex color 647042 looks on a white background.

Color Contrast Check

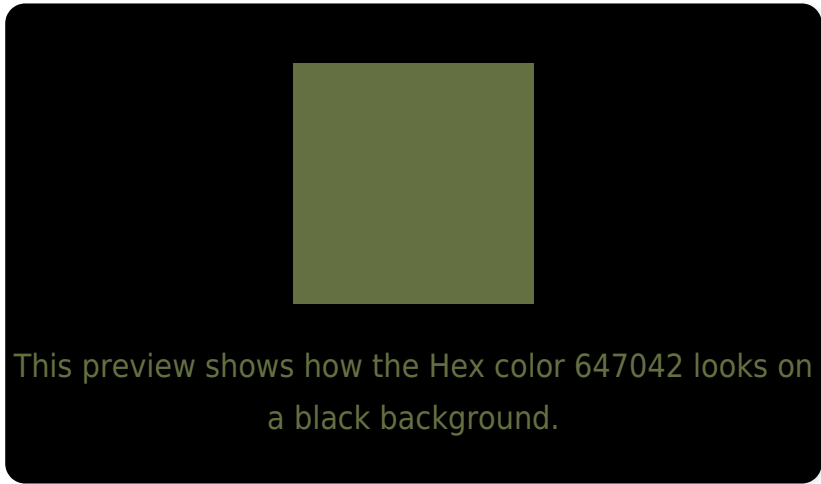
Large Text (above 18pt) WCAG AA ✓ Pass

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

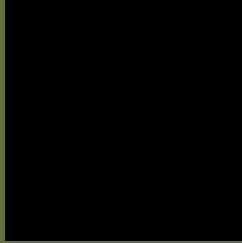
Any Text WCAG AA × Fail

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 647042 Background



This preview shows how black text looks on a background with the Hex color 647042.



This preview shows how white text looks on a background with the Hex color 647042.

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
647042

Protanopia
756B40

Deuteranopia
816644



Tritanopia
6A6A73

Trichromacy



Original Color
647042

Protanomaly
6F6D41

Deuteranomaly
766A43

Tritanomaly
686C61

Monochromacy



Original Color
647042

Achromatopsia
676767

Achromatomaly
666A5A

CSS Examples

Text

The CSS property to change the color of the text to Hex 647042 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 #647042 looks like.

```
.text, #text, p{  
    color:#647042  
}
```

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 #647042 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #647042
}
```

Border

The CSS property to change the border of an element to Hex 647042 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
#647042 }
```

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

```
.border{ border-color:#647042 }
```

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

Here you see how a box with a 4 pixel #647042 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #647042; -webkit-box-shadow:4px 4px  
4px 4px #647042; box-shadow:4px 4px 4px  
4px #647042 }
```

Background

The CSS property to change the background color of an element to Hex 647042 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#647042 }
```

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

```
.background{ background-color:#647042 }
```

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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