

Converting Colors

Hex(647033)

Have a look what the booklet for
Hex(647033) contains.

Hex(647033)	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(647033)

Conversions

Conversions Part 1

Format	Color
Hex	647033
RGB	100, 112, 51
RGB Percent	39%, 44%, 20%
CMY	0.6078, 0.5608, 0.8000
CMYK	0.11, 0.00, 0.54, 0.56
HSL	72°, 37%, 32%
HSV	72°, 54%, 44%
XYZ	11.6472, 14.5367, 5.3240
YIQ	101.4580, 12.4290, -21.5150

Conversions

Conversions Part 2

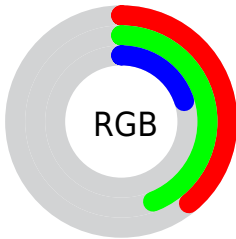
Format	Color
RYB	51, 112, 63
Decimal	6582323
CIELab	44.99, -14.55, 32.03
CIELCh	45, 35.176, 114.434
Yxy	14.5367, 0.3697, 0.4614
Android (android.graphics.Color)	4284772403 (0xFF647033)
YUV	101.4580, -24.8758, -1.2787
Hunter-Lab	38.1270, -12.1931, 18.4098

Details

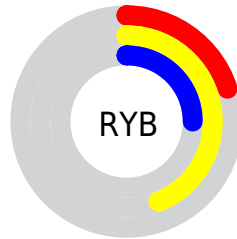
The Hex color **647033** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **3F3370**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **98A463**, and **334003** is the 20% darker color. If you saturate the color by 10%, you get **627028**, and if you desaturate by 10%, it is **66703E**.

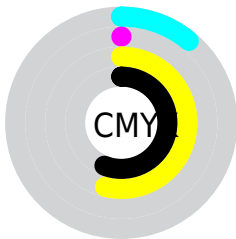
Distribution



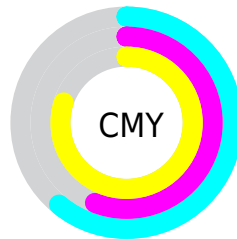
- Red (39%)
- Green (44%)
- Blue (20%)



- Red (20%)
- Yellow (44%)
- Blue (25%)



- Cyan (11%)
- Magenta (0%)
- Yellow (54%)
- Black (56%)



- Cyan (61%)
- Magenta (56%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 647033 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 647033 by changing the saturation by 10% instead.

 647033

 647033

FFFFFF

 4B581C

 98A463

 334003

 B3BF7D

 1D2A00

 CFDB97

 001700

 ECF7B2

 000000

 FFFFCE

 FFFFEA

 647033

 647033

 627028

 66703E

■ 60701D

■ 687049

■ 5D7011

■ 6B7055

■ 5B7006

■ 6D7060

■ 5A7000

■ 6F706B

■ 717076

■ 737081

■ 76708D

■ 787098

Harmonies

Analogous

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



81672F



647033



417647

Triad

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



647033



007699



9E5271

Complementary

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



647033



3F3370

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.



8A5A8D



647033



276FA5

Square

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



647033



007982



6465A0



A15454

Rectangle

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



647033



1E785A



6465A0



99547B

Sweetspot

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



647033



8D917A



703E33



474A3C



C9C9C9



4A4A4A

Same Dimension

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



647033



7F9133



467033



373832



607800



C7F700

Inverse Universe

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



3F3370



453391



5D3370



343238



180078



3100F7

Previews

White Background



This preview shows how the Hex color 647033 looks on a white background.

Color Contrast Check

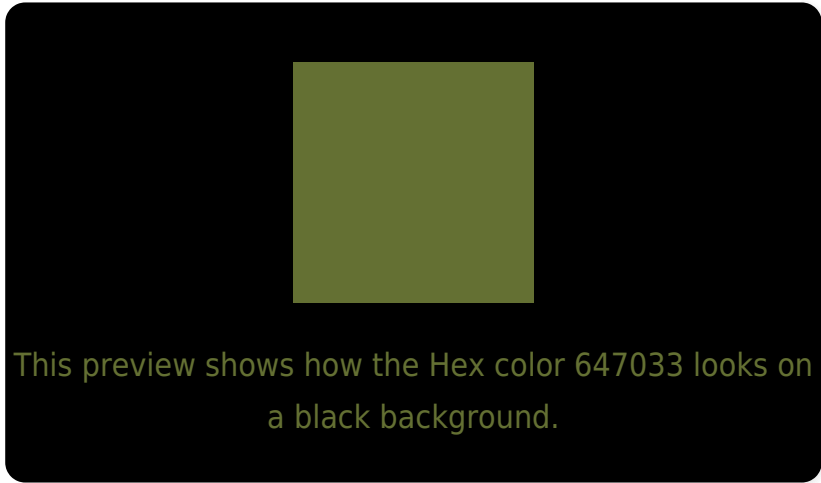
Large Text (above 18pt) WCAG AA ✓ Pass

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

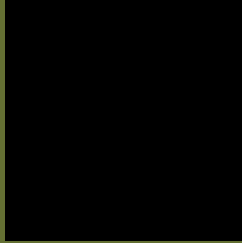
Any Text WCAG AA × Fail

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 647033 Background



This preview shows how black text looks on a background with the Hex color 647033.



This preview shows how white text looks on a background with the Hex color 647033.

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
647033

Protanopia
766A31

Deuteranopia
836536



Tritanopia
6B6972

Trichromacy



Original Color
647033

Protanomaly
6F6C32

Deuteranomaly
786935

Tritanomaly
686C5B

Monochromacy



Original Color
647033

Achromatopsia
656565

Achromatomaly
656953

CSS Examples

Text

The CSS property to change the color of the text to Hex 647033 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 #647033 looks like.

```
.text, #text, p{  
    color:#647033  
}
```

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 #647033 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #647033
}
```

Border

The CSS property to change the border of an element to Hex 647033 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
#647033 }
```

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

```
.border{ border-color:#647033 }
```

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

Here you see how a box with a 4 pixel #647033 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #647033; -webkit-box-shadow:4px 4px  
4px 4px #647033; box-shadow:4px 4px 4px  
4px #647033 }
```

Background

The CSS property to change the background color of an element to Hex 647033 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#647033 }
```

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

```
.background{ background-color:#647033 }
```

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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