

Converting Colors

Hex(646448)

Have a look what the booklet for
Hex(646448) contains.

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Color

Hex(646448)

Conversions

Conversions Part 1

Format	Color
Hex	646448
RGB	100, 100, 72
RGB Percent	39%, 39%, 28%
CMY	0.6078, 0.6078, 0.7176
CMYK	0.00, 0.00, 0.28, 0.61
HSL	60°, 16%, 34%
HSV	60°, 28%, 39%
XYZ	10.9824, 12.2915, 7.9246
YIQ	96.8080, 8.9880, -8.7080

Conversions

Conversions Part 2

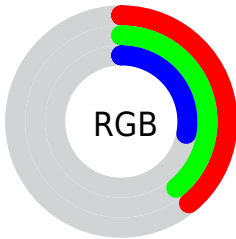
Format	Color
R_{YB}	72, 100, 72
Decimal	6579272
CIE _{Lab}	41.68, -5.07, 15.94
CIE _{LCh}	42, 16.725, 107.647
Yxy	12.2915, 0.3520, 0.3940
Android (android.graphics.Color)	4284769352 (0xFF646448)
YUV	96.8080, -12.2303, 2.7994
Hunter-Lab	35.0593, -5.4383, 11.1400

Details

The Hex color **646448** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **484864**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **979779**, and **35361C** is the 20% darker color. If you saturate the color by 10%, you get **64643E**, and if you desaturate by 10%, it is **646452**.

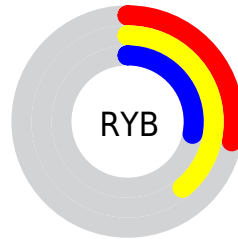
Distribution



Red (39%)

Green (39%)

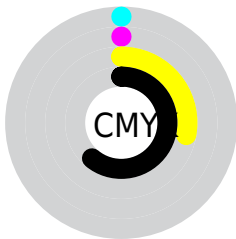
Blue (28%)



Red (28%)

Yellow (39%)

Blue (28%)

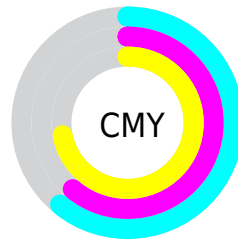


Cyan (0%)

Magenta (0%)

Yellow (28%)

Black (61%)



Cyan (61%)

Magenta (61%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 646448 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 646448 by changing the saturation by 10% instead.



646448



646448

FFFFFF



4C4C31



979779



35361C



B2B193



202003



CECDAD



000A00



EAE9C9



000000



FFFFE5



646448



646448



64643E



646452



646434



64645C

■ 64642A

■ 646466

■ 646420

■ 646470

■ 646416

■ 64647A

■ 64640C

■ 646484

■ 646402

■ 64648E

■ 646400

■ 646498

■ 6464A2

Harmonies

Analogous

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



725F48



646448



54684F

Triad

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



646448



3C6976



7A5969

Complementary

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



646448



484864

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.



6E5C75



646448



4A657D

Square

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



646448



3B6A6A



5D617C



7E595B

Rectangle

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



646448



4A6957



5D617C



775A6D

Sweetspot

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



646448



828278



644848



42423C



C2C2C2



424242

Same Dimension

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



646448



828256



566448



33332E



737300



F2F200

Inverse Universe

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



484864



565682



564864



2E2E33



000073



0000F2

Previews

White Background



This preview shows how the Hex color 646448 looks on a white background.

Color Contrast Check

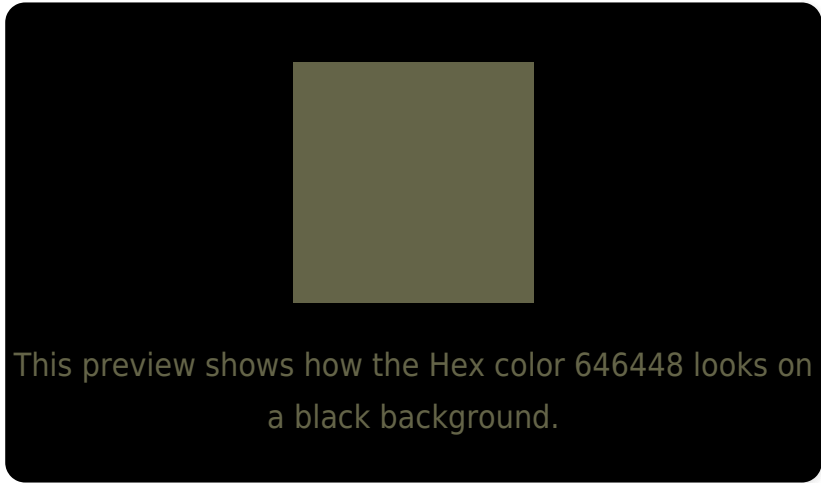
Large Text (above 18pt) WCAG AA ✓ Pass

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

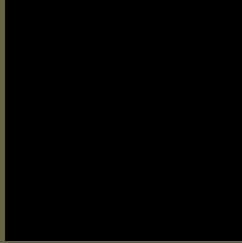
Any Text WCAG AA × Fail

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 646448 Background



This preview shows how black text looks on a background with the Hex color 646448.



This preview shows how white text looks on a background with the Hex color 646448.

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
646448

Protanopia
6A6247

Deuteranopia
745E49



Tritanopia
686067

Trichromacy



Original Color
646448

Protanomaly
686347

Deuteranomaly
6E6049

Tritanomaly
67615C

Monochromacy



Original Color
646448

Achromatopsia
616161

Achromatomaly
626258

CSS Examples

Text

The CSS property to change the color of the text to Hex 646448 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 #646448 looks like.

```
.text, #text, p{  
    color:#646448  
}
```

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 #646448 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #646448
}
```

Border

The CSS property to change the border of an element to Hex 646448 is called "border". The border property can be set on classes, ids or directly on the HTML element.

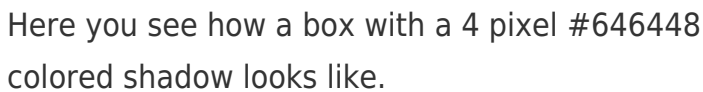
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#646448 }
```

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

```
.border{ border-color:#646448 }
```

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



Here you see how a box with a 4 pixel #646448 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #646448; -webkit-box-shadow:4px 4px  
4px 4px #646448; box-shadow:4px 4px 4px  
4px #646448 }
```

Background

The CSS property to change the background color of an element to Hex 646448 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#646448 }
```

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

```
.background{ background-color:#646448 }
```

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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