

Converting Colors

Hex(646830)

Have a look what the booklet for
Hex(646830) contains.

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Color

Hex(646830)

Conversions

Conversions Part 1

Format	Color
Hex	646830
RGB	100, 104, 48
RGB Percent	39%, 41%, 19%
CMY	0.6078, 0.5922, 0.8118
CMYK	0.04, 0.00, 0.54, 0.59
HSL	64°, 37%, 30%
HSV	64°, 54%, 41%
XYZ	10.7393, 12.8234, 4.7054
YIQ	96.4200, 15.5920, -18.2640

Conversions

Conversions Part 2

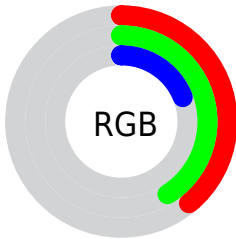
Format	Color
RYB	48, 104, 52
Decimal	6580272
CIELab	42.50, -10.42, 30.67
CIElCh	42, 32.390, 108.757
Yxy	12.8234, 0.3799, 0.4536
Android (android.graphics.Color)	4284770352 (0xFF646830)
YUV	96.4200, -23.8711, 3.1397
Hunter-Lab	35.8097, -9.1348, 17.2760

Details

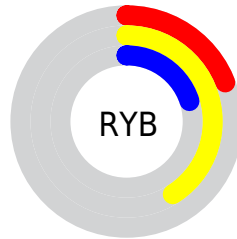
The Hex color **646830** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **343068**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **989B60**, and **333900** is the 20% darker color. If you saturate the color by 10%, you get **636826**, and if you desaturate by 10%, it is **65683A**.

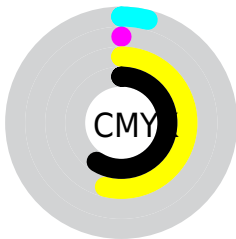
Distribution



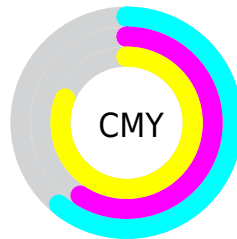
- Red (39%)
- Green (41%)
- Blue (19%)



- Red (19%)
- Yellow (41%)
- Blue (20%)



- Cyan (4%)
- Magenta (0%)
- Yellow (54%)
- Black (59%)



- Cyan (61%)
- Magenta (59%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 646830 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 646830 by changing the saturation by 10% instead.



646830



646830

FFFFFF



4B5019



989B60



333900



B3B679



1D2400



CFD193



001000



ECEEAE



000000



FFFCA



FFFEE6



646830



646830



636826



65683A

■ 63681B

■ 656845

■ 626811

■ 66684F

■ 616806

■ 67685A

■ 616800

■ 686864

■ 68686E

■ 696879

■ 6A6883

■ 6B688E

Harmonies

Analogous

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



7D5F2F



646830



456E40

Triad

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



646830



00708C



914F70

Complementary

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



646830



343068

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.



7C5788



646830



1A6A98

Square

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



646830



007275



576197



974F55

Rectangle

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



646830



2B7150



576197



8C5178

Sweetspot

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



646830



868772



683430



444538



C4C4C4



454545

Same Dimension

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



646830



81872F



486830



33332E



6B7300



E1F200

Inverse Universe

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



343068



362F87



503068



2E2E33



080073



1100F2

Previews

White Background



This preview shows how the Hex color 646830 looks on a white background.

Color Contrast Check

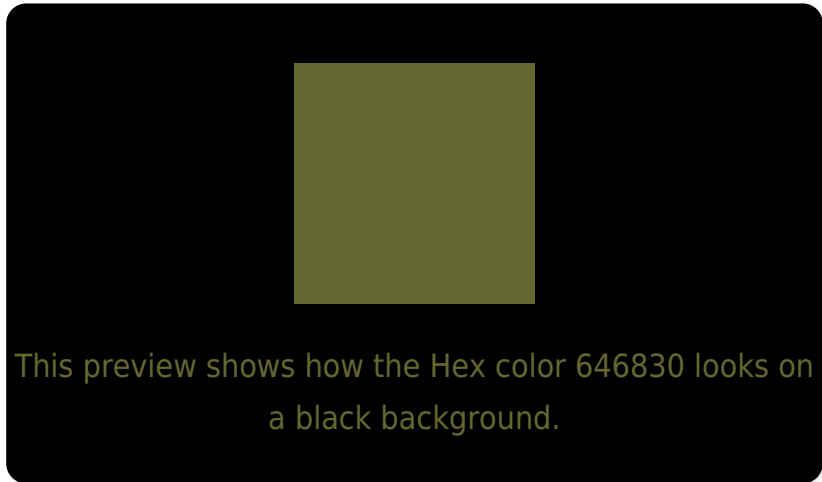
Large Text (above 18pt) WCAG AA ✓ Pass

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

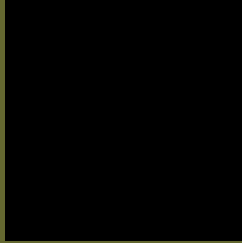
Any Text WCAG AA × Fail

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 646830 Background



This preview shows how black text looks on a background with the Hex color 646830.



This preview shows how white text looks on a background with the Hex color 646830.

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](#).

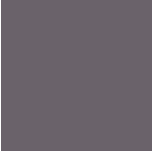
Dichromacy



Original Color
646830

Protanopia
6F642F

Deuteranopia
7B5F32



Tritanopia
6A626A

Trichromacy



Original Color
646830

Protanomaly
6B652F

Deuteranomaly
736231

Tritanomaly
686455

Monochromacy



Original Color
646830

Achromatopsia
606060

Achromatomaly
61634F

CSS Examples

Text

The CSS property to change the color of the text to Hex 646830 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 #646830 looks like.

```
.text, #text, p{  
    color:#646830  
}
```

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 #646830 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #646830
}
```

Border

The CSS property to change the border of an element to Hex 646830 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
#646830 }
```

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

```
.border{ border-color:#646830 }
```

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

Here you see how a box with a 4 pixel #646830 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #646830; -webkit-box-shadow:4px 4px  
4px 4px #646830; box-shadow:4px 4px 4px  
4px #646830 }
```

Background

The CSS property to change the background color of an element to Hex 646830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#646830 }
```

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

```
.background{ background-color:#646830 }
```

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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