

Converting Colors

Hex(646826)

Have a look what the booklet for
Hex(646826) contains.

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Color

Hex(646826)

Conversions

Conversions Part 1

Format	Color
Hex	646826
RGB	100, 104, 38
RGB Percent	39%, 41%, 15%
CMY	0.6078, 0.5922, 0.8510
CMYK	0.04, 0.00, 0.63, 0.59
HSL	64°, 46%, 28%
HSV	64°, 63%, 41%
XYZ	10.5557, 12.7499, 3.7384
YIQ	95.2800, 18.8020, -21.3740

Conversions

Conversions Part 2

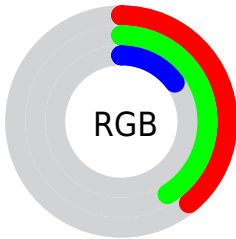
Format	Color
R_{YB}	38, 104, 42
Decimal	6580262
CIE _{Lab}	42.38, -11.32, 35.66
CIE _{LCh}	42, 37.412, 107.610
Yxy	12.7499, 0.3903, 0.4715
Android (android.graphics.Color)	4284770342 (0xFF646826)
YUV	95.2800, -28.2390, 4.1394
Hunter-Lab	35.7070, -9.7191, 18.7875

Details

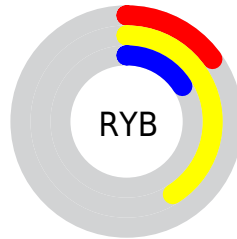
The Hex color **646826** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **2A2668**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **999B56**, and **333900** is the 20% darker color. If you saturate the color by 10%, you get **63681C**, and if you desaturate by 10%, it is **656830**.

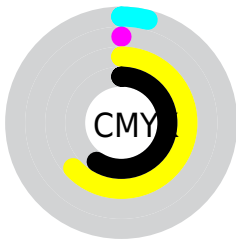
Distribution



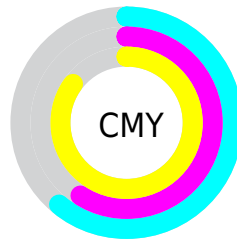
- Red (39%)
- Green (41%)
- Blue (15%)



- Red (15%)
- Yellow (41%)
- Blue (16%)



- Cyan (4%)
- Magenta (0%)
- Yellow (63%)
- Black (59%)



- Cyan (61%)
- Magenta (59%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 646826 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 646826 by changing the saturation by 10% instead.

 646826

 646826

FFFFFF

 4B500D

 999B56

 333900

 B4B66F

 1B2400

 D0D189

 000F00

 EDEEA4

 000000

 FFFFBF

 FFFFDC

 FFFFF8

 646826

 646826

■ 63681C

■ 656830

■ 636811

■ 65683B

■ 626807

■ 666845

■ 626800

■ 676850

■ 67685A

■ 686864

■ 68686F

■ 696879

■ 6A6884

Harmonies

Analogous

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



805E26



646826



406F39

Triad

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



646826



007191



964B72

Complementary

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



646826



2A2668

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.



7D558E



646826



006BA0

Square

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



646826



007376



50619F



9E4A53

Rectangle

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



646826



1D724B



50619F



904D7C

Sweetspot

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



646826



86876D



682926



444535



C4C4C4



454545

Same Dimension

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



646826



818720



446826



33332E



6C7300



E4F200

Inverse Universe

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



2A2668



272087



4A2668



2E2E33



070073



0F00F2

Previews

White Background



This preview shows how the Hex color 646826 looks on a white background.

Color Contrast Check

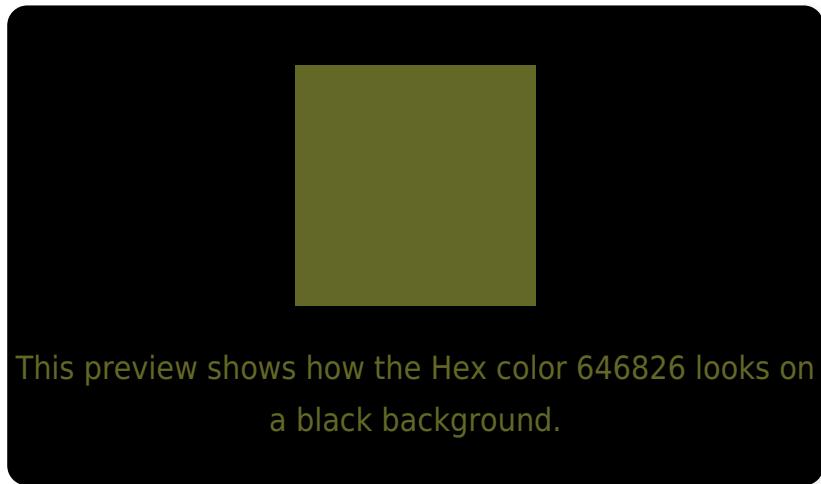
Large Text (above 18pt) WCAG AA ✓ Pass

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

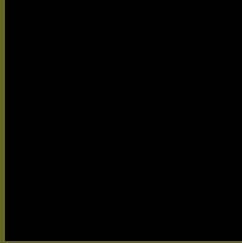
Any Text WCAG AA × Fail

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 646826 Background



This preview shows how black text looks on a background with the Hex color 646826.



This preview shows how white text looks on a background with the Hex color 646826.

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
646826

Protanopia
706425

Deuteranopia
7C5F29



Tritanopia
6B6169

Trichromacy



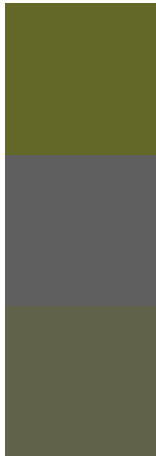
Original Color
646826

Protanomaly
6C6525

Deuteranomaly
736228

Tritanomaly
686451

Monochromacy



Original Color
646826

Achromatopsia
5F5F5F

Achromatomaly
61624A

CSS Examples

Text

The CSS property to change the color of the text to Hex 646826 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 #646826 looks like.

```
.text, #text, p{  
    color:#646826  
}
```

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 #646826 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #646826
}
```

Border

The CSS property to change the border of an element to Hex 646826 is called "border". The border property can be set on classes, ids or directly on the HTML element.

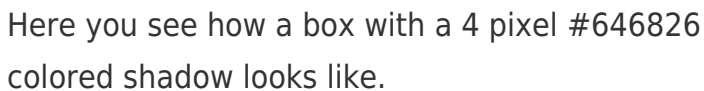
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#646826 }
```

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

```
.border{ border-color:#646826 }
```

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



Here you see how a box with a 4 pixel #646826 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #646826; -webkit-box-shadow:4px 4px  
4px 4px #646826; box-shadow:4px 4px 4px  
4px #646826 }
```

Background

The CSS property to change the background color of an element to Hex 646826 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#646826 }
```

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

```
.background{ background-color:#646826 }
```

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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