

# Converting Colors

Hex(6B6D2E)

Have a look what the booklet for  
Hex(6B6D2E) contains.

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# Color

Hex(6B6D2E)

# Conversions

## Conversions Part 1

Format	Color
Hex	6B6D2E
RGB	107, 109, 46
RGB Percent	42%, 43%, 18%
CMY	0.5804, 0.5725, 0.8196
CMYK	0.02, 0.00, 0.58, 0.57
HSL	62°, 41%, 30%
HSV	62°, 58%, 43%
XYZ	12.0252, 14.2603, 4.7035
YIQ	101.2200, 19.0310, -20.0170

# Conversions

## Conversions Part 2

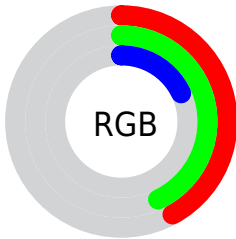
Format	Color
R <sub>Y</sub> B	46, 109, 48
Decimal	7040302
CIE Lab	44.60, -10.22, 34.31
CIE LCh	45, 35.803, 106.579
Yxy	14.2603, 0.3880, 0.4602
Android (android.graphics.Color)	4285230382 (0xFF6B6D2E)
YUV	101.2200, -27.2235, 5.0691
Hunter-Lab	37.7629, -9.2436, 19.0492

# Details

The Hex color **6B6D2E** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **302E6D**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **A0A05E**, and **393E00** is the 20% darker color. If you saturate the color by 10%, you get **6B6D23**, and if you desaturate by 10%, it is **6B6D39**.

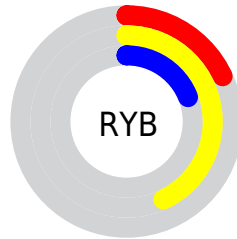
# Distribution



Red (42%)

Green (43%)

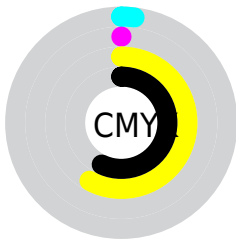
Blue (18%)



Red (18%)

Yellow (43%)

Blue (19%)

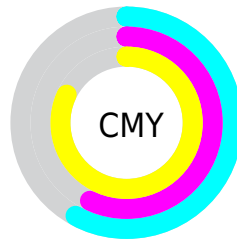


Cyan (2%)

Magenta (0%)

Yellow (58%)

Black (57%)



Cyan (58%)

Magenta (57%)

Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6B6D2E 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 6B6D2E by changing the saturation by 10% instead.





6B6D2E



6B6D2E

FFFFFF



525516



A0A05E



393E00



BCBB78



222800



D8D792



001500



F5F3AD



000000



FFFFC8



FFFFE5



6B6D2E



6B6D2E



6B6D23



6B6D39

■ 6A6D18

■ 6C6D44

■ 6A6D0D

■ 6C6D4F

■ 6A6D02

■ 6C6D5A

■ 6A6D00

■ 6D6D65

■ 6D6D6F

■ 6D6D7A

■ 6E6D85

■ 6E6D90

# Harmonies

## Analogous

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



87632E



6B6D2E



49743F

# Triad

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



6B6D2E



007694



9A5278

# Complementary

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



6B6D2E



302E6D

# 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.



815B93



6B6D2E



0071A3

# Square

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



6B6D2E



00797A



5667A3



A2515A

# Rectangle

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



6B6D2E



2B7751



5667A3



935482



# Sweetspot

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



6B6D2E



8E8F77



6D2F2E



474739



C7C7C7



474747



# Same Dimension

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



6B6D2E



8C8F2C



4C6D2E



353630



727500



EDF500



# Inverse Universe

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



302E6D



2F2C8F



4F2E6D



303036



040075



0800F5



# Previews

## White Background



This preview shows how the Hex color 6B6D2E looks on a white background.

## Color Contrast Check

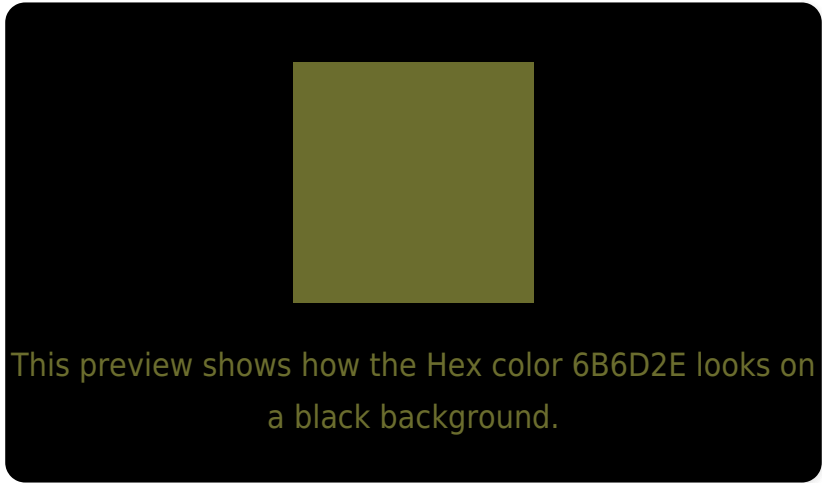
Large Text (above 18pt) WCAG AA ✓ Pass

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

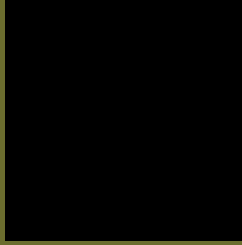
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 6B6D2E Background



This preview shows how black text looks on a background with the Hex color 6B6D2E.



This preview shows how white text looks on a background with the Hex color 6B6D2E.

# 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**  
6B6D2E

**Protanopia**  
756A2D

**Deuteranopia**  
826430



**Tritanopia**  
71666E

# Trichromacy



**Original Color**  
6B6D2E

**Protanomaly**  
716B2D

**Deuteranomaly**  
7A672F

**Tritanomaly**  
6F6957

# Monochromacy



**Original Color**  
6B6D2E

**Achromatopsia**  
656565

**Achromatomaly**  
676851

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6B6D2E 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 #6B6D2E looks like.

```
.text, #text, p{  
    color:#6B6D2E  
}
```

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 #6B6D2E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B6D2E
}
```

## Border

The CSS property to change the border of an element to Hex 6B6D2E 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
#6B6D2E }
```

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

```
.border{ border-color:#6B6D2E }
```

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

Here you see how a box with a 4 pixel #6B6D2E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B6D2E; -webkit-box-shadow:4px 4px  
4px 4px #6B6D2E; box-shadow:4px 4px 4px  
4px #6B6D2E }
```

# Background

The CSS property to change the background color of an element to Hex 6B6D2E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B6D2E }
```

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

```
.background{ background-color:#6B6D2E }
```

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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