

# Converting Colors

Hex(6A6646)

Have a look what the booklet for  
Hex(6A6646) contains.

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**Color**

**Hex(6A6646)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6A6646
RGB	106, 102, 70
RGB Percent	42%, 40%, 27%
CMY	0.5843, 0.6000, 0.7255
CMYK	0.00, 0.04, 0.34, 0.58
HSL	53°, 20%, 35%
HSV	53°, 34%, 42%
XYZ	11.8007, 13.0091, 7.6834
YIQ	99.5480, 12.6560, -9.1040

# Conversions

## Conversions Part 2

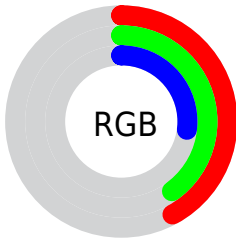
<b>Format</b>	<b>Color</b>
<b>RYB</b>	75, 106, 70
Decimal	6972998
CIELab	42.78, -3.91, 18.69
CIElCh	43, 19.098, 101.822
Yxy	13.0091, 0.3632, 0.4004
Android (android.graphics.Color)	4285163078 (0xFF6A6646)
YUV	99.5480, -14.5672, 5.6584
Hunter-Lab	36.0681, -4.7179, 12.6175

# Details

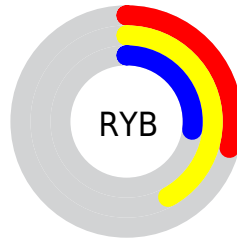
The Hex color **6A6646** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **464A6A**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **9E9977**, and **3A371A** is the 20% darker color. If you saturate the color by 10%, you get **6A653B**, and if you desaturate by 10%, it is **6A6751**.

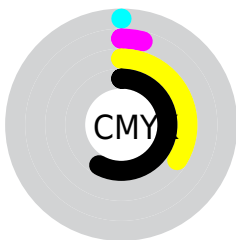
# Distribution



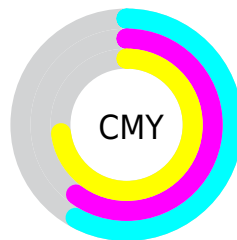
- Red (42%)
- Green (40%)
- Blue (27%)



- Red (29%)
- Yellow (42%)
- Blue (27%)



- Cyan (0%)
- Magenta (4%)
- Yellow (34%)
- Black (58%)



- Cyan (58%)
- Magenta (60%)
- Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6A6646 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 6A6646 by changing the saturation by 10% instead.





6A6646



6A6646

FFFFFF



514E2F



9E9977



3A371A



B9B490



252200



D5CFAB



050D00



F1EBC6



000000



FFFFE2



6A6646



6A6646



6A653B



6A6751



6A6431



6A685B

■ 6A6226

■ 6A6A66

■ 6A611C

■ 6A6B70

■ 6A6011

■ 6A6C7B

■ 6A5F06

■ 6A6D86

■ 6A5E00

■ 6A6E90

■ 6A6F9B

■ 6A71A5

# Harmonies

## Analogous

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



796147



6A6646



586A4D

# Triad

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



6A6646



356D79



7E5B6F

# Complementary

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



6A6646



464A6A

# 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.



6F5F7D



6A6646



446983

# Square

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



6A6646



386E6B



5A6484



85595F

# Rectangle

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



6A6646



4C6C56



5A6484



7A5C74



# Sweetspot

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



6A6646



8A887C



6A464A



45443D



C4C4C4



454545



# Same Dimension

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



6A6646



8A8351



5C6A46



363530



756800



F5DA00



# Inverse Universe

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



464A6A



51588A



54466A



303136



000D75



001BF5



# Previews

## White Background



This preview shows how the Hex color 6A6646 looks on a white background.

## Color Contrast Check

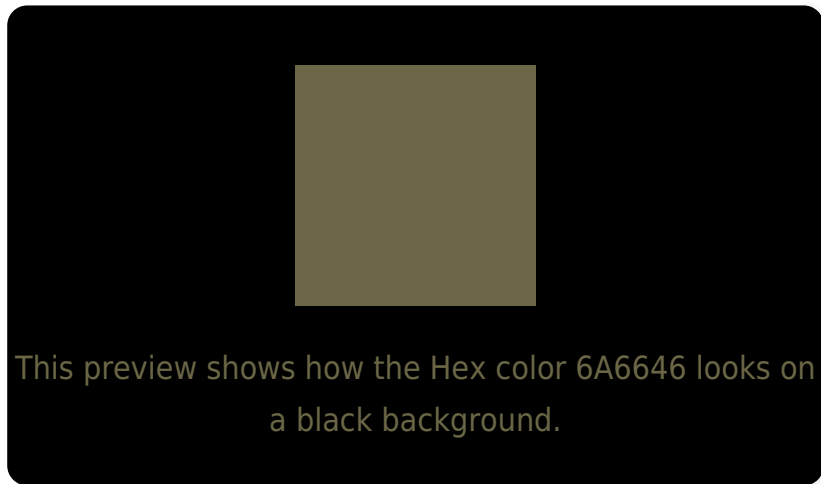
Large Text (above 18pt) WCAG AA ✓ Pass

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

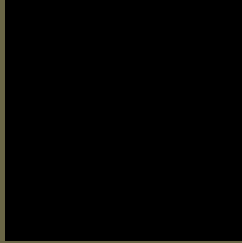
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6A6646 Background



This preview shows how black text looks on a background with the Hex color 6A6646.



This preview shows how white text looks on a background with the Hex color 6A6646.

# 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**

6A6646

**Protanopia**

6D6546

**Deuteranopia**

786147



**Tritanopia**  
6E6269

# Trichromacy



**Original Color**  
6A6646

**Protanomaly**  
6C6546

**Deuteranomaly**  
736347

**Tritanomaly**  
6D635C

# Monochromacy



**Original Color**  
6A6646

**Achromatopsia**  
646464

**Achromatomaly**  
666559

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6A6646 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 #6A6646 looks like.

```
.text, #text, p{  
    color:#6A6646  
}
```

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 #6A6646 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A6646
}
```

## Border

The CSS property to change the border of an element to Hex 6A6646 is called "border". The border property can be set on classes, ids or directly on the HTML element.

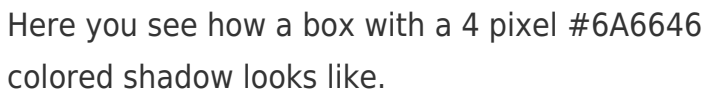
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6A6646 }
```

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

```
.border{ border-color:#6A6646 }
```

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



Here you see how a box with a 4 pixel #6A6646 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A6646; -webkit-box-shadow:4px 4px  
4px 4px #6A6646; box-shadow:4px 4px 4px  
4px #6A6646 }
```

# Background

The CSS property to change the background color of an element to Hex 6A6646 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A6646 }
```

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

```
.background{ background-color:#6A6646 }
```

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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