

# Converting Colors

Hex(6D3048)

Have a look what the booklet for  
Hex(6D3048) contains.

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# Color

**Hex(6D3048)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6D3048
RGB	109, 48, 72
RGB Percent	43%, 19%, 28%
CMY	0.5725, 0.8118, 0.7176
CMYK	0.00, 0.56, 0.34, 0.57
HSL	336°, 39%, 31%
HSV	336°, 56%, 43%
XYZ	8.5333, 5.8330, 6.8070
YIQ	68.9750, 28.6520, 20.3960

# Conversions

## Conversions Part 2

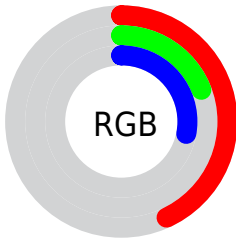
Format	Color
R <sub>Y</sub> B	109, 48, 72
Decimal	7155784
CIE Lab	28.99, 29.98, -1.81
CIE LCh	29, 30.032, 356.539
Yxy	5.8330, 0.4030, 0.2755
Android (android.graphics.Color)	4285345864 (0xFF6D3048)
YUV	68.9750, 1.4913, 35.1019
Hunter-Lab	24.1516, 20.8030, 0.1955

# Details

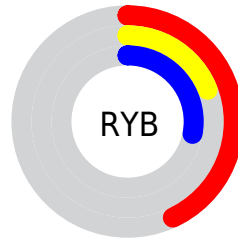
The Hex color **6D3048** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **306D55**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **A36178**, and **3A001D** is the 20% darker color. If you saturate the color by 10%, you get **6D2541**, and if you desaturate by 10%, it is **6D3B4F**.

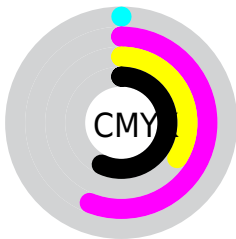
# Distribution



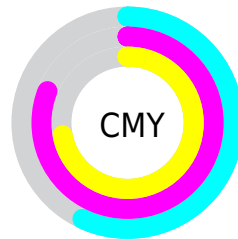
- Red (43%)
- Green (19%)
- Blue (28%)



- Red (43%)
- Yellow (19%)
- Blue (28%)



- Cyan (0%)
- Magenta (56%)
- Yellow (34%)
- Black (57%)



- Cyan (57%)
- Magenta (81%)
- Yellow (72%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6D3048 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 6D3048 by changing the saturation by 10% instead.



 6D3048

 6D3048

FFFFFF

 531832

 A36178

 3A001D

 BE7A92

 270001

 DB94AD

 000000

 F8AFC8

 FFCBE4

 FFE7FF

 6D3048

 6D3048

 6D2541

 6D3B4F

6D1A3B

6D4655

6D0F34

6D515C

6D042E

6D5C62

6D002B

6D6769

6D7170

6D7C76

6D877D

6D9284

# Harmonies

## Analogous

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



5E365E



6D3048



6F3231

# Triad

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



6D3048



3D4918



004D6B

# Complementary

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



6D3048



306D55

# 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.



005058



6D3048



1F4E2A

# Square

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



6D3048



544214



005041



024873

# Rectangle

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



6D3048



693724



005041



004E65



# Sweetspot

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



6D3048



8F7780



55306D



47393F



C7C7C7



474747



# Same Dimension

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



6D3048



8F2F55



6D3630



363032



75002E



F50060



# Inverse Universe

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



6D3048



8F2F55



30676D



363032



75002E

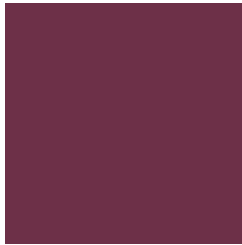


F50060



# Previews

## White Background



This preview shows how the Hex color 6D3048 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 ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

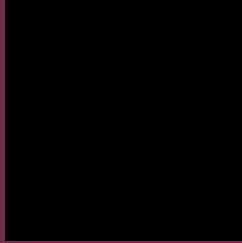
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6D3048 Background



This preview shows how black text looks on a background with the Hex color 6D3048.



This preview shows how white text looks on a background with the Hex color 6D3048.

# 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**  
6D3048

**Protanopia**  
414455

**Deuteranopia**  
4C4345



**Tritanopia**  
6C3337

# Trichromacy



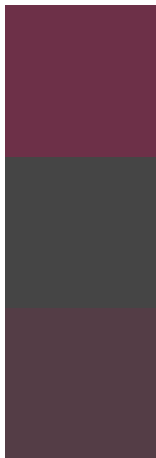
**Original Color**  
6D3048

**Protanomaly**  
513D50

**Deuteranomaly**  
583C46

**Tritanomaly**  
6C323D

# Monochromacy



**Original Color**  
6D3048

**Achromatopsia**  
454545

**Achromatomaly**  
543D46

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6D3048 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 #6D3048 looks like.

```
.text, #text, p{  
    color:#6D3048  
}
```

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 #6D3048 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6D3048
}
```

## Border

The CSS property to change the border of an element to Hex 6D3048 is called "border". The border property can be set on classes, ids or directly on the HTML element.

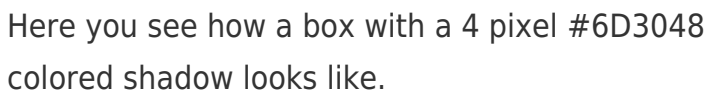
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6D3048 }
```

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

```
.border{ border-color:#6D3048 }
```

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



Here you see how a box with a 4 pixel #6D3048 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6D3048; -webkit-box-shadow:4px 4px  
4px 4px #6D3048; box-shadow:4px 4px 4px  
4px #6D3048 }
```

# Background

The CSS property to change the background color of an element to Hex 6D3048 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6D3048 }
```

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

```
.background{ background-color:#6D3048 }
```

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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