

# Converting Colors

Hex(6D6B6A)

Have a look what the booklet for  
Hex(6D6B6A) contains.

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# Color

**Hex(6D6B6A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6D6B6A
RGB	109, 107, 106
RGB Percent	43%, 42%, 42%
CMY	0.5725, 0.5804, 0.5843
CMYK	0.00, 0.02, 0.03, 0.57
HSL	20°, 1%, 42%
HSV	20°, 3%, 43%
XYZ	14.1659, 14.8072, 15.7471
YIQ	107.4840, 1.5130, 0.1130

# Conversions

## Conversions Part 2

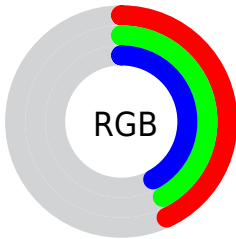
Format	Color
<a href="#">RYB</a>	<a href="#">109, 108, 106</a>
Decimal	<a href="#">7170922</a>
CIELab	<a href="#">45.37, 0.58, 0.83</a>
CIElCh	<a href="#">45, 1.008, 55.182</a>
Yxy	<a href="#">14.8072, 0.3168, 0.3311</a>
Android (android.graphics.Color)	<a href="#">4285361002</a> ( <a href="#">0xFF6D6B6A</a> )
YUV	<a href="#">107.4840, -0.7316, 1.3295</a>
Hunter-Lab	<a href="#">38.4801, -1.6281, 2.6730</a>

# Details

The Hex color **6D6B6A** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **6A6C6D**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **A09E9D**, and **3E3C3B** is the 20% darker color. If you saturate the color by 10%, you get **6D645F**, and if you desaturate by 10%, it is **6D7275**.

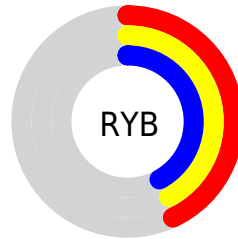
# Distribution



Red (43%)

Green (42%)

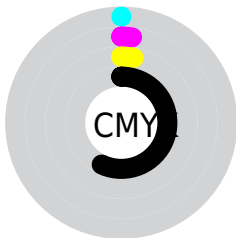
Blue (42%)



Red (43%)

Yellow (42%)

Blue (42%)

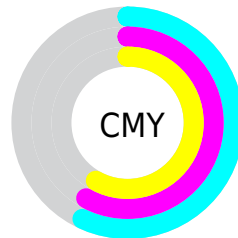


Cyan (0%)

Magenta (2%)

Yellow (3%)

Black (57%)



Cyan (57%)

Magenta (58%)

Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6D6B6A 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 6D6B6A by changing the saturation by 10% instead.





6D6B6A



6D6B6A

FFFFFF



555352



A09E9D



3E3C3B



BBB9B8



282625



D7D5D4



131110



F4F1F0



000000



6D6B6A



6D6B6A



6D645F



6D7275



6D5C54



6D7A80



6D5549



6D818B

 6D4E3E

 6D8896

 6D4734

 6D8FA1

 6D3F29

 6D97AB

 6D381E

 6D9EB6

 6D3113

 6DA5C1

 6D2A08

 6DACCC

# Harmonies

## Analogous

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



6D6B6B



6D6B6A



6C6B6A

# Triad

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



6D6B6A



6A6C6B



6B6B6D

# Complementary

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



6D6B6A



6A6C6D

# 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.



6A6B6D



6D6B6A



696C6C

# Square

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



6D6B6A



6A6C6A



6A6C6D



6C6B6C

# Rectangle

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



6D6B6A



6C6B6A



6A6C6D



6B6B6D



# Sweetspot

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



6D6B6A



8F8E8D



6D6A6C



474747



C7C7C7

# Same Dimension

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



6D6B6A



8F8C8B



6D6D6A



363433



752700



F55200



# Inverse Universe

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



6A6C6D



8B8D8F



6A6B6D



333536



004E75



00A3F5



# Previews

## White Background



This preview shows how the Hex color 6D6B6A looks on a white background.

## Color Contrast Check

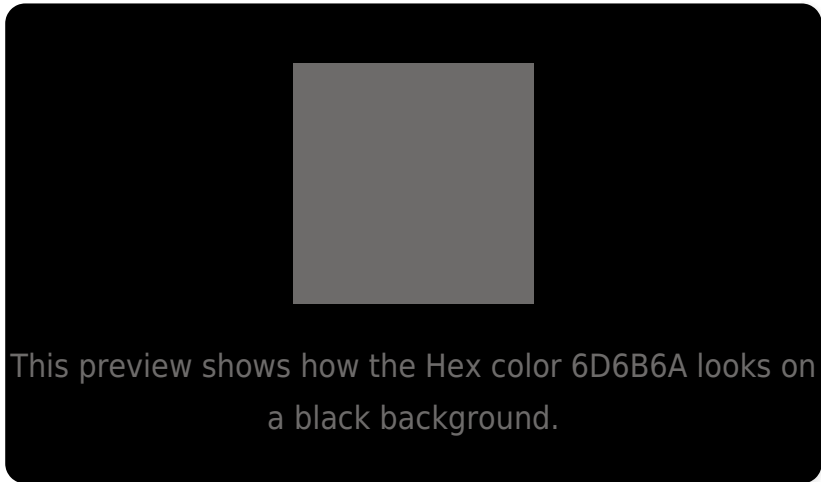
Large Text (above 18pt) WCAG AA ✓ Pass

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

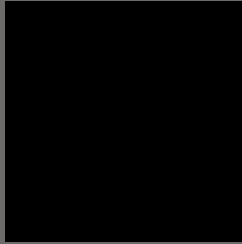
Any Text WCAG AA × Fail

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 6D6B6A Background



This preview shows how black text looks on a background with the Hex color 6D6B6A.



This preview shows how white text looks on a background with the Hex color 6D6B6A.



# 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**  
6D6B6A

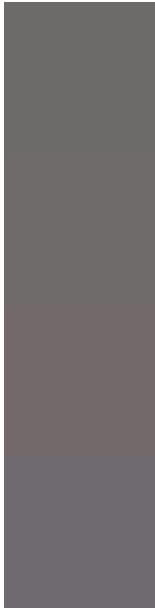
**Protanopia**  
6E6B6A

**Deuteranopia**  
76686B



**Tritanopia**  
6E6A72

# Trichromacy



**Original Color**

6D6B6A

**Protanomaly**

6E6B6A

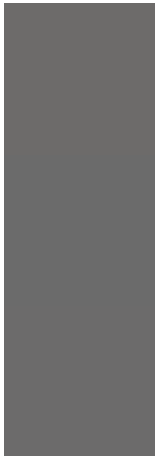
**Deuteranomaly**

73696B

**Tritanomaly**

6E6A6F

# Monochromacy



**Original Color**

6D6B6A

**Achromatopsia**

6B6B6B

**Achromatomaly**

6C6B6B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6D6B6A 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 #6D6B6A looks like.

```
.text, #text, p{  
    color:#6D6B6A  
}
```

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 #6D6B6A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6D6B6A
}
```

## Border

The CSS property to change the border of an element to Hex 6D6B6A is called "border". The border property can be set on classes, ids or directly on the HTML element.

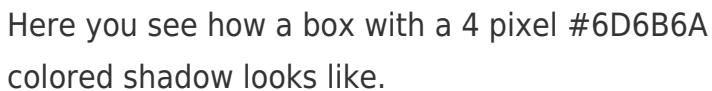
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6D6B6A }
```

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

```
.border{ border-color:#6D6B6A }
```

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



Here you see how a box with a 4 pixel #6D6B6A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6D6B6A; -webkit-box-shadow:4px 4px  
4px 4px #6D6B6A; box-shadow:4px 4px 4px  
4px #6D6B6A }
```

# Background

The CSS property to change the background color of an element to Hex 6D6B6A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6D6B6A }
```

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

```
.background{ background-color:#6D6B6A }
```

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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