

# Converting Colors

Hex(6A6564)

Have a look what the booklet for  
Hex(6A6564) contains.

<b>Hex(6A6564)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

Hex(6A6564)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6A6564
RGB	106, 101, 100
RGB Percent	42%, 40%, 39%
CMY	0.5843, 0.6039, 0.6078
CMYK	0.00, 0.05, 0.06, 0.58
HSL	10°, 3%, 40%
HSV	10°, 6%, 42%
XYZ	12.8978, 13.2916, 13.9423
YIQ	102.3810, 3.3010, 0.7490

# Conversions

## Conversions Part 2

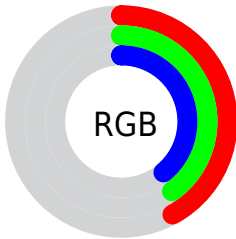
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	106, 101, 100
Decimal	6972772
CIE <sub>Lab</sub>	43.20, 1.77, 1.26
CIE <sub>LCh</sub>	43, 2.172, 35.500
Yxy	13.2916, 0.3214, 0.3312
Android (android.graphics.Color)	4285162852 (0xFF6A6564)
YUV	102.3810, -1.1738, 3.1739
Hunter-Lab	36.4577, -0.6523, 2.8464

# Details

The Hex color **6A6564** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **64696A**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **9D9897**, and **3B3635** is the 20% darker color. If you saturate the color by 10%, you get **6A5C59**, and if you desaturate by 10%, it is **6A6E6F**.

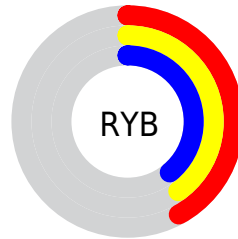
# Distribution



Red (42%)

Green (40%)

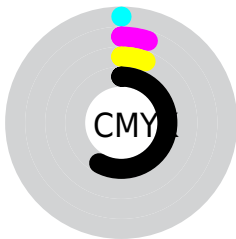
Blue (39%)



Red (42%)

Yellow (40%)

Blue (39%)

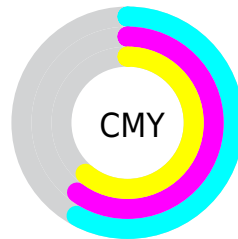


Cyan (0%)

Magenta (5%)

Yellow (6%)

Black (58%)



Cyan (58%)

Magenta (60%)

Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6A6564 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 6A6564 by changing the saturation by 10% instead.





6A6564



6A6564

FFFFFF



524D4C



9D9897



3B3635



B8B3B1



252120



D4CECD



100A09



F0EAE9



000000



6A6564



6A6564



6A5C59



6A6E6F



6A534F



6A7779



6A4A44



6A8084

■ 6A423A

■ 6A888E

■ 6A392F

■ 6A9199

■ 6A3024

■ 6A9AA4

■ 6A271A

■ 6AA3AE

■ 6A1E0F

■ 6AACB9

■ 6A1505

■ 6AB5C3

# Harmonies

## Analogous

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



6A6566



6A6564



696563

# Triad

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



6A6564



636764



65666A

# Complementary

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



6A6564



64696A

# 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.



636769



6A6564



626766

# Square

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



6A6564



656763



626768



676569

# Rectangle

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



6A6564



686662



626768



64666A



# Sweetspot

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



6A6564



8A8787



6A6469



454443



C4C4C4



454545



# Same Dimension

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



6A6564



8A8280



6A6864



363231



751400



F52900



# Inverse Universe

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



64696A



80888A



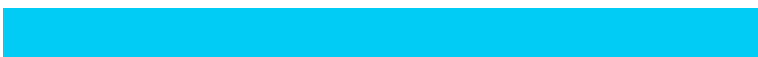
64666A



313536



006275



00CCF5



# Previews

## White Background



This preview shows how the Hex color 6A6564 looks on a white background.

## Color Contrast Check

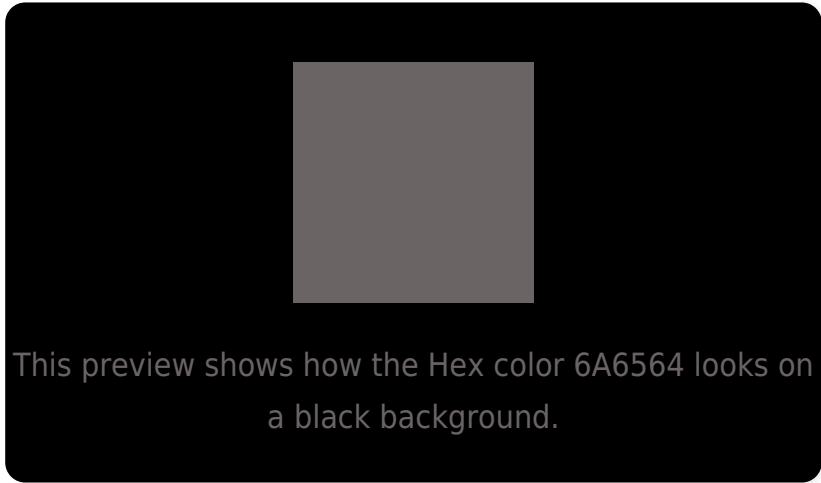
Large Text (above 18pt) WCAG AA ✓ Pass

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

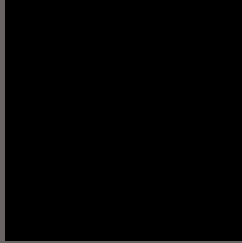
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6A6564 Background



This preview shows how black text looks on a background with the Hex color 6A6564.



This preview shows how white text looks on a background with the Hex color 6A6564.

# 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**


6A6564

**Protanopia**

686664

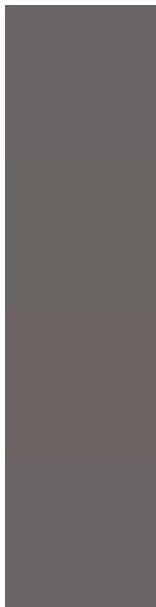
**Deuteranopia**

706364



**Tritanopia**  
6B646C

# Trichromacy



**Original Color**

6A6564

**Protanomaly**

696664

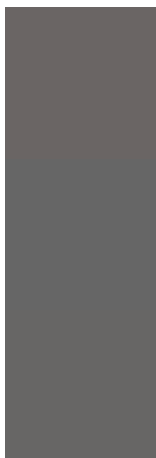
**Deuteranomaly**

6E6464

**Tritanomaly**

6B6469

# Monochromacy



**Original Color**

6A6564

**Achromatopsia**

666666

**Achromatomaly**

676665

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6A6564 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 #6A6564 looks like.

```
.text, #text, p{  
    color:#6A6564  
}
```

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 #6A6564 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A6564
}
```

## Border

The CSS property to change the border of an element to Hex 6A6564 is called "border". The border property can be set on classes, ids or directly on the HTML element.

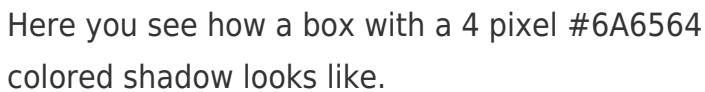
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6A6564 }
```

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

```
.border{ border-color:#6A6564 }
```

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



Here you see how a box with a 4 pixel #6A6564 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A6564; -webkit-box-shadow:4px 4px  
4px 4px #6A6564; box-shadow:4px 4px 4px  
4px #6A6564 }
```

# Background

The CSS property to change the background color of an element to Hex 6A6564 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A6564 }
```

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

```
.background{ background-color:#6A6564 }
```

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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