

# Converting Colors

Hex(6A6364)

Have a look what the booklet for  
Hex(6A6364) contains.

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# Color

Hex(6A6364)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6A6364
RGB	106, 99, 100
RGB Percent	42%, 39%, 39%
CMY	0.5843, 0.6118, 0.6078
CMYK	0.00, 0.07, 0.06, 0.58
HSL	351°, 3%, 40%
HSV	351°, 7%, 42%
XYZ	12.7059, 12.9080, 13.8784
YIQ	101.2070, 3.8510, 1.7950

# Conversions

## Conversions Part 2

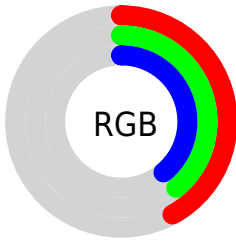
Format	Color
R <sub>Y</sub> B	106, 99, 100
Decimal	6972260
CIE Lab	42.62, 2.97, 0.42
CIE LCh	43, 2.998, 8.133
Yxy	12.9080, 0.3217, 0.3268
Android (android.graphics.Color)	4285162340 (0xFF6A6364)
YUV	101.2070, -0.5951, 4.2035
Hunter-Lab	35.9276, 0.2539, 2.2464

# Details

The Hex color **6A6364** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **636A69**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **9D9697**, and **3B3535** is the 20% darker color. If you saturate the color by 10%, you get **6A585B**, and if you desaturate by 10%, it is **6A6E6D**.

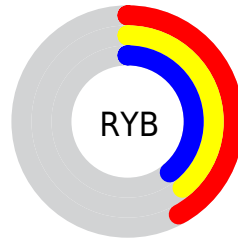
# Distribution



Red (42%)

Green (39%)

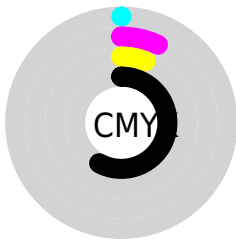
Blue (39%)



Red (42%)

Yellow (39%)

Blue (39%)

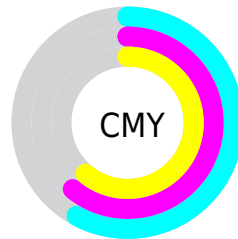


Cyan (0%)

Magenta (7%)

Yellow (6%)

Black (58%)



Cyan (58%)

Magenta (61%)

Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6A6364 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 6A6364 by changing the saturation by 10% instead.





6A6364



6A6364

FFFFFF



524B4C



9D9697



3B3535



B8B0B1



251F20



D4CCCD



110709



F0E8E9



000000



6A6364



6A6364



6A585B



6A6E6D



6A4E52



6A7876



6A4349



6A837F

6A3940

6A8D88

6A2E37

6A9891

6A232D

6AA39B

6A1924

6AADA4

6A0E1B

6AB8AD

6A0412

6AC2B6

# Harmonies

## Analogous

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



696367



6A6364



6A6362

# Triad

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



6A6364



636561



606569

# Complementary

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



6A6364



636A69

# 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.



5F6668



6A6364



616663

# Square

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



6A6364



666560



5F6665



636569

# Rectangle

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



6A6364



696460



5F6665



606669



# Sweetspot

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



6A6364



8A8787



69636A



454344



C4C4C4



454545



# Same Dimension

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



6A6364



8A7F80



6A6563



363031



750011



F50023



# Inverse Universe

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



6A6364



8A7F80



63686A



363031



750011



F50023



# Previews

## White Background



This preview shows how the Hex color 6A6364 looks on a white background.

## Color Contrast Check

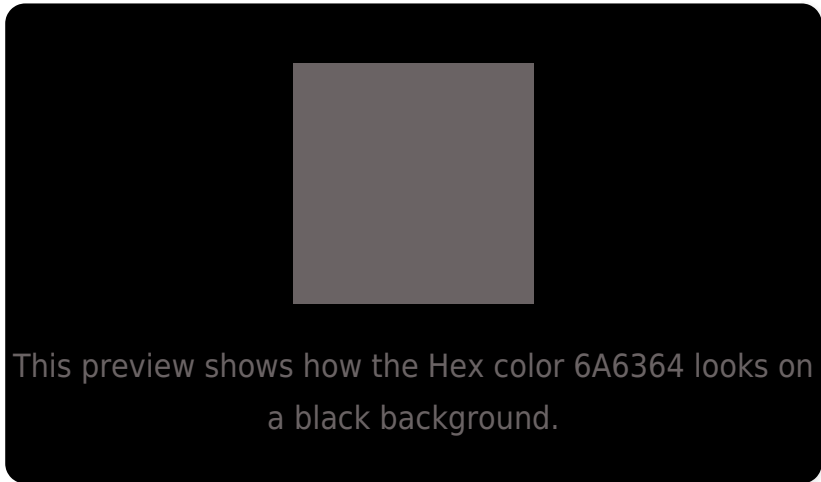
Large Text (above 18pt) WCAG AA ✓ Pass

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

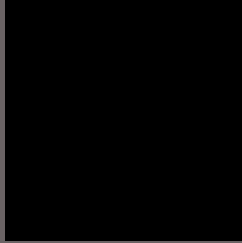
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

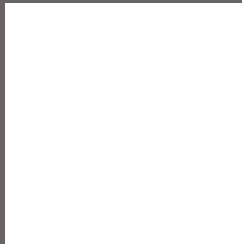
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 6A6364 Background



This preview shows how black text looks on a background with the Hex color 6A6364.

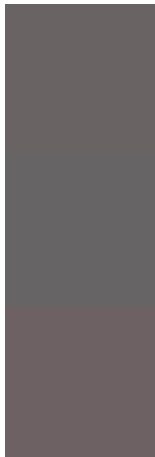


This preview shows how white text looks on a background with the Hex color 6A6364.

# 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**  
6A6364

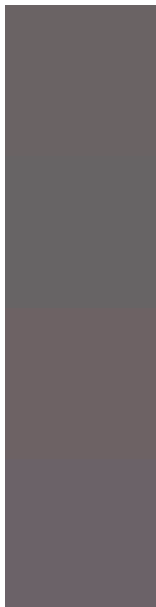
**Protanopia**  
666465

**Deuteranopia**  
6E6164



**Tritanopia**  
6B626A

# Trichromacy



**Original Color**

6A6364

**Protanomaly**

676465

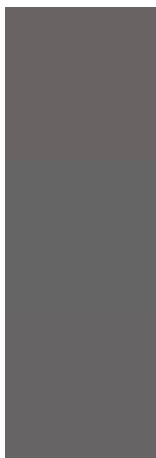
**Deuteranomaly**

6D6264

**Tritanomaly**

6B6268

# Monochromacy



**Original Color**

6A6364

**Achromatopsia**

656565

**Achromatomaly**

676465

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6A6364 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 #6A6364 looks like.

```
.text, #text, p{  
    color:#6A6364  
}
```

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 #6A6364 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A6364
}
```

## Border

The CSS property to change the border of an element to Hex 6A6364 is called "border". The border property can be set on classes, ids or directly on the HTML element.

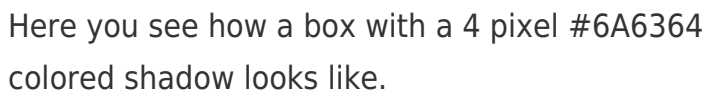
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6A6364 }
```

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

```
.border{ border-color:#6A6364 }
```

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



Here you see how a box with a 4 pixel #6A6364 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A6364; -webkit-box-shadow:4px 4px  
4px 4px #6A6364; box-shadow:4px 4px 4px  
4px #6A6364 }
```

# Background

The CSS property to change the background color of an element to Hex 6A6364 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A6364 }
```

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

```
.background{ background-color:#6A6364 }
```

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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