

# Converting Colors

Hex(606463)

Have a look what the booklet for  
Hex(606463) contains.

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# Color

**Hex(606463)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	606463
RGB	96, 100, 99
RGB Percent	38%, 39%, 39%
CMY	0.6235, 0.6078, 0.6118
CMYK	0.04, 0.00, 0.01, 0.61
HSL	165°, 2%, 38%
HSV	165°, 4%, 39%
XYZ	11.6332, 12.5020, 13.6044
YIQ	98.6900, -2.0630, -1.1590

# Conversions

## Conversions Part 2

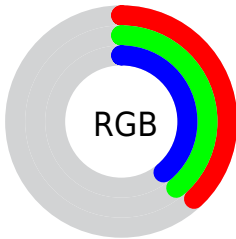
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	96, 98, 100
Decimal	6317155
CIE Lab	42.00, -1.76, 0.02
CIE LCh	42, 1.763, 179.349
Yxy	12.5020, 0.3082, 0.3313
Android (android.graphics.Color)	4284507235 (0xFF606463)
YUV	98.6900, 0.1528, -2.3591
Hunter-Lab	35.3582, -3.1486, 1.9383

# Details

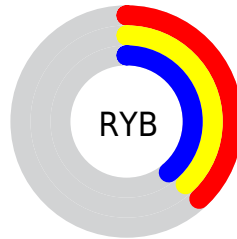
The Hex color **606463** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **646061**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **929796**, and **323535** is the 20% darker color. If you saturate the color by 10%, you get **566461**, and if you desaturate by 10%, it is **6A6466**.

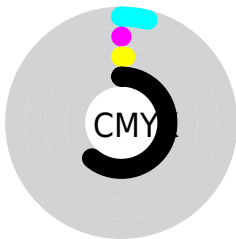
# Distribution



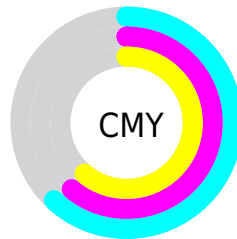
- Red (38%)
- Green (39%)
- Blue (39%)



- Red (38%)
- Yellow (38%)
- Blue (39%)



- Cyan (4%)
- Magenta (0%)
- Yellow (1%)
- Black (61%)



- Cyan (62%)
- Magenta (61%)
- Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 606463 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 606463 by changing the saturation by 10% instead.



■ 606463

■ 606463

FFFFFF

■ 484C4B

■ 929796

■ 323535

■ ADB1B0

■ 1D201F

■ C8CDCC

■ 030907

■ E4E9E8

■ 000000

■ 606463

■ 606463

■ 566461

■ 6A6466

■ 4C645E

■ 746468

■ 42645C

■ 7E646A

■ 386459

■ 88646D

■ 2E6457

■ 92646F

■ 246454

■ 9C6472

■ 1A6452

■ A66474

■ 10644F

■ B06477

■ 06644D

■ BA6479

# Harmonies

## Analogous

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



616462



606463



606464

# Triad

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



606463



636366



666361

# Complementary

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



606463



646061

# 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.



666262



606463



656265

# Square

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



606463



626366



666263



646360

# Rectangle

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



606463



606465



666263



666261



# Sweetspot

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



606463



818282



616460



424242



C2C2C2

# Same Dimension

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



606463



7C8280



606364



303332



007356



00F2B6



# Inverse Universe

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



646061



827C7D



646160



333031



73001D



F2003D



# Previews

## White Background



This preview shows how the Hex color 606463 looks on a white background.

## Color Contrast Check

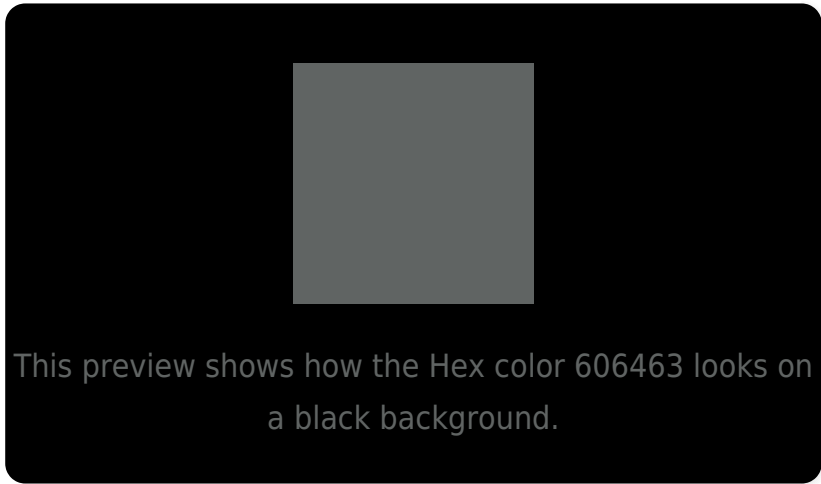
Large Text (above 18pt) WCAG AA ✓ Pass

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

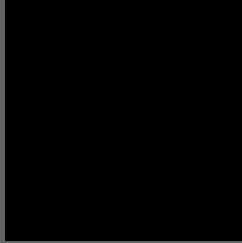
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

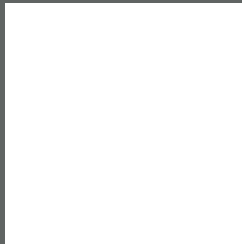
Any Text WCAG AAA × Fail

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

## Hex 606463 Background



This preview shows how black text looks on a background with the Hex color 606463.



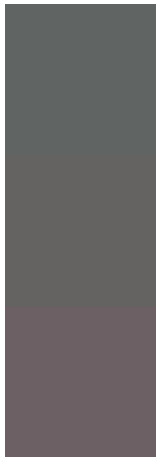
This preview shows how white text looks on a background with the Hex color 606463.



# 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**  
606463

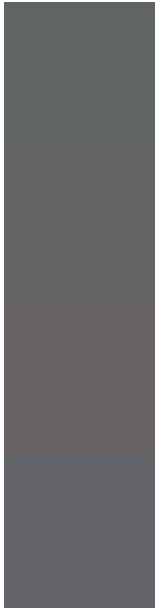
**Protanopia**  
656362

**Deuteranopia**  
6C6064



**Tritanopia**  
61636B

# Trichromacy



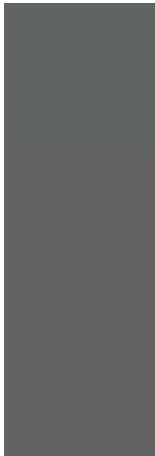
**Original Color**  
606463

**Protanomaly**  
636362

**Deuteranomaly**  
686164

**Tritanomaly**  
616368

# Monochromacy



**Original Color**  
606463

**Achromatopsia**  
636363

**Achromatomaly**  
626363

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 606463 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 #606463 looks like.

```
.text, #text, p{  
    color:#606463  
}
```

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 #606463 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #606463
}
```

## Border

The CSS property to change the border of an element to Hex 606463 is called "border". The border property can be set on classes, ids or directly on the HTML element.

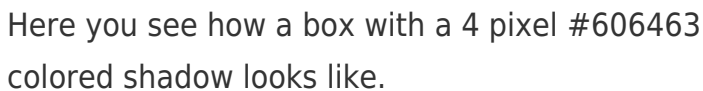
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#606463 }
```

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

```
.border{ border-color:#606463 }
```

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



Here you see how a box with a 4 pixel #606463 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #606463; -webkit-box-shadow:4px 4px  
4px 4px #606463; box-shadow:4px 4px 4px  
4px #606463 }
```

# Background

The CSS property to change the background color of an element to Hex 606463 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#606463 }
```

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

```
.background{ background-color:#606463 }
```

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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