

# Converting Colors

Hex(60636B)

Have a look what the booklet for  
Hex(60636B) contains.

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# Color

**Hex(60636B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	60636B
RGB	96, 99, 107
RGB Percent	38%, 39%, 42%
CMY	0.6235, 0.6118, 0.5804
CMYK	0.10, 0.07, 0.00, 0.58
HSL	224°, 5%, 40%
HSV	224°, 10%, 42%
XYZ	11.9396, 12.4720, 15.6880
YIQ	99.0150, -4.3560, 1.8520

# Conversions

## Conversions Part 2

<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	96, 98, 107
Decimal	6316907
CIE Lab	41.96, 0.60, -4.92
CIE LCh	42, 4.960, 276.920
Yxy	12.4720, 0.2977, 0.3110
Android (android.graphics.Color)	4284506987 (0xFF60636B)
YUV	99.0150, 3.9366, -2.6442
Hunter-Lab	35.3157, -1.4552, -1.6168

# Details

The Hex color **60636B** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **6B6860**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **93969E**, and **32353C** is the 20% darker color. If you saturate the color by 10%, you get **555B6B**, and if you desaturate by 10%, it is **6B6B6B**.

# Distribution



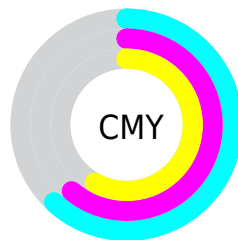
- Red (38%)
- Green (39%)
- Blue (42%)



- Red (38%)
- Yellow (38%)
- Blue (42%)



- Cyan (10%)
- Magenta (7%)
- Yellow (0%)
- Black (58%)



- Cyan (62%)
- Magenta (61%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 60636B 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 60636B by changing the saturation by 10% instead.





60636B



60636B

FFFFFF



484B53



93969E



32353C



ADB0B9



1D1F26



C8CCD5



030711



E5E8F1



000000



60636B



60636B



555B6B



6B6B6B



4B536B



75736B



404C6B



807A6B

■ 35446B

■ 8B826B

■ 2B3C6B

■ 958A6B

■ 20346B

■ A0926B

■ 152D6B

■ AB996B

■ 0A256B

■ B6A16B

■ 001D6B

■ C0A96B

# Harmonies

## Analogous

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



5C646A



60636B



65626A

# Triad

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



60636B



6C615E



5C6560

# Complementary

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



60636B



6B6860

# 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.



61645C



60636B



69625C

# Square

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



60636B



6C6062



65635B



5A6564

# Rectangle

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



60636B



686167



65635B



5E655E



# Sweetspot

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



60636B



88898C



606B68



454547



C7C7C7



474747



# Same Dimension

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



60636B



7B808C



62606B



303236



002075



0043F5



# Inverse Universe

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



6B6063



8C7B80



696B60



363032



750020



F50043



# Previews

## White Background



This preview shows how the Hex color 60636B looks on a white background.

## Color Contrast Check

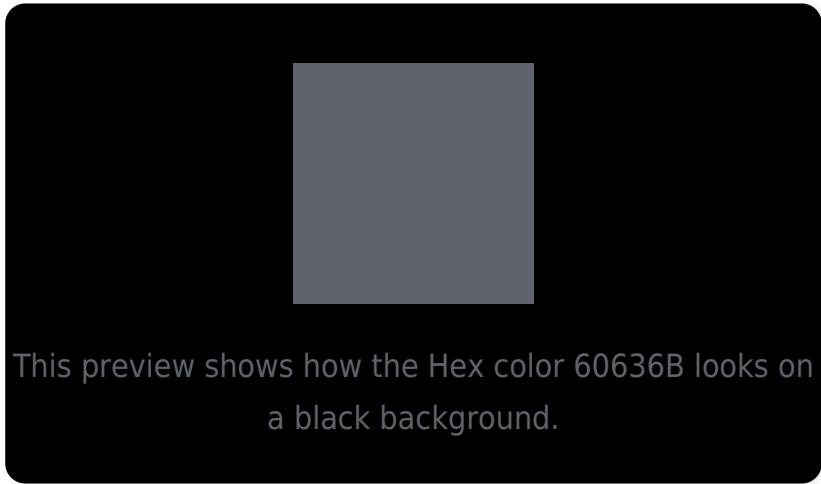
Large Text (above 18pt) WCAG AA ✓ Pass

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

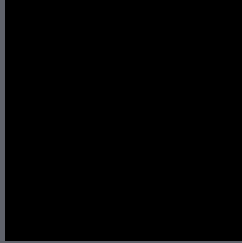
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

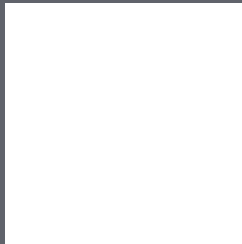
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 60636B Background



This preview shows how black text looks on a background with the Hex color 60636B.



This preview shows how white text looks on a background with the Hex color 60636B.

# 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**  
60636B

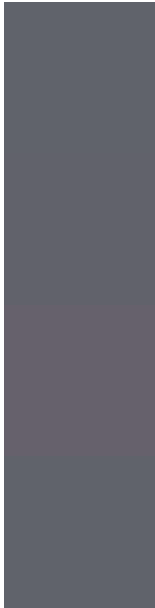
**Protanopia**  
62626B

**Deuteranopia**  
69606C



**Tritanopia**  
60636B

# Trichromacy



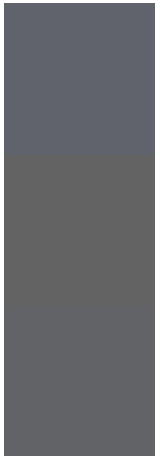
**Original Color**  
60636B

**Protanomaly**  
61626B

**Deuteranomaly**  
66616C

**Tritanomaly**  
60636B

# Monochromacy



**Original Color**  
60636B

**Achromatopsia**  
636363

**Achromatomaly**  
626366

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 60636B 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 #60636B looks like.

```
.text, #text, p{  
    color:#60636B  
}
```

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 #60636B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #60636B
}
```

## Border

The CSS property to change the border of an element to Hex 60636B is called "border". The border property can be set on classes, ids or directly on the HTML element.

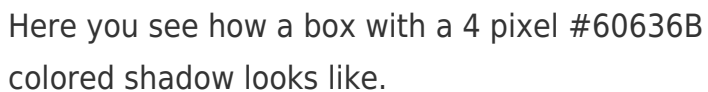
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#60636B }
```

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

```
.border{ border-color:#60636B }
```

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



Here you see how a box with a 4 pixel #60636B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #60636B; -webkit-box-shadow:4px 4px  
4px 4px #60636B; box-shadow:4px 4px 4px  
4px #60636B }
```

# Background

The CSS property to change the background color of an element to Hex 60636B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#60636B }
```

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

```
.background{ background-color:#60636B }
```

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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