

# Converting Colors

Hex(60646B)

Have a look what the booklet for  
Hex(60646B) contains.

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# Color

**Hex(60646B)**

# Conversions

## Conversions Part 1

| Format      | Color                     |
|-------------|---------------------------|
| Hex         | 60646B                    |
| RGB         | 96, 100, 107              |
| RGB Percent | 38%, 39%, 42%             |
| CMY         | 0.6235, 0.6078, 0.5804    |
| CMYK        | 0.10, 0.07, 0.00, 0.58    |
| HSL         | 218°, 5%, 40%             |
| HSV         | 218°, 10%, 42%            |
| XYZ         | 12.0349, 12.6627, 15.7198 |
| YIQ         | 99.6020, -4.6310, 1.3290  |

# Conversions

## Conversions Part 2

| <b>Format</b>                       | <b>Color</b>                 |
|-------------------------------------|------------------------------|
| <b>R<sub>YB</sub></b>               | 96, 99, 107                  |
| Decimal                             | 6317163                      |
| CIE Lab                             | 42.25, -0.00, -4.49          |
| CIE LCh                             | 42, 4.488, 269.946           |
| Yxy                                 | 12.6627, 0.2978,<br>0.3133   |
| Android<br>(android.graphics.Color) | 4284507243<br>(0xFF60646B)   |
| YUV                                 | 99.6020, 3.6472,<br>-3.1590  |
| Hunter-Lab                          | 35.5847, -1.9037,<br>-1.2825 |

# Details

The Hex color **60646B** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **6B6760**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **93979E**, and **32353C** is the 20% darker color. If you saturate the color by 10%, you get **555D6B**, and if you desaturate by 10%, it is **6B6B6B**.

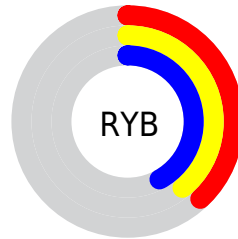
# Distribution



Red (38%)

Green (39%)

Blue (42%)



Red (38%)

Yellow (39%)

Blue (42%)

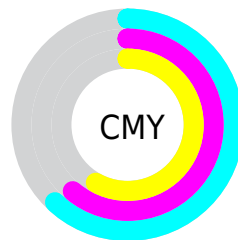


Cyan (10%)

Magenta (7%)

Yellow (0%)

Black (58%)



Cyan (62%)

Magenta (61%)

Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 60646B 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 60646B by changing the saturation by 10% instead.





60646B



60646B

FFFFFF



484C53



93979E



32353C



ADB1B9



1D2026



C8CDD5



030911



E5E9F1



000000



60646B



60646B



555D6B



6B6B6B



4B566B



75726B



40506B



80786B

■ 35496B

■ 8B7F6B

■ 2B426B

■ 95866B

■ 203B6B

■ A08D6B

■ 15346B

■ AB946B

■ 0A2E6B

■ B69A6B

■ 00276B

■ C0A16B

# Harmonies

## Analogous

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



5C656A



60646B



65636A

# Triad

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



60646B



6C6160



5F6660

# Complementary

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



60646B



6B6760

# 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.



63655D



60646B



6A625D

# Square

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



60646B



6B6164



67635C



5C6664

# Rectangle

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



60646B



676268



67635C



60655F



# Sweetspot

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



60646B



888A8C



606B67



454647



C7C7C7



474747



# Same Dimension

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



60646B



7B828C



61606B



303236



002B75



0059F5



# Inverse Universe

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



6B6064



8C7B82



6A6B60



363032



75002B

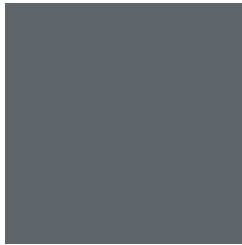


F50059



# Previews

## White Background



This preview shows how the Hex color 60646B looks on a white background.

## Color Contrast Check

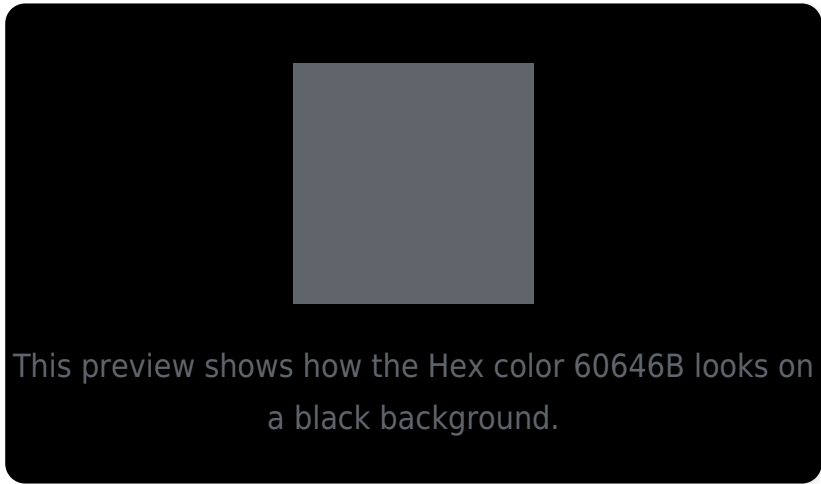
Large Text (above 18pt) WCAG AA ✓ Pass

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

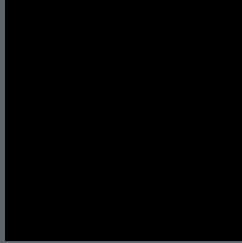
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

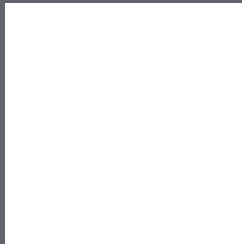
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 60646B Background



This preview shows how black text looks on a background with the Hex color 60646B.



This preview shows how white text looks on a background with the Hex color 60646B.

# 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**  
60646B

**Protanopia**  
63636A

**Deuteranopia**  
6A616C



**Tritanopia**  
60646C

# Trichromacy



**Original Color**

60646B

**Protanomaly**

62636A

**Deuteranomaly**

66626C

**Tritanomaly**

60646C

# Monochromacy



**Original Color**

60646B

**Achromatopsia**

646464

**Achromatomaly**

636467

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 60646B 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 #60646B looks like.

```
.text, #text, p{  
    color:#60646B  
}
```

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 #60646B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #60646B
}
```

## Border

The CSS property to change the border of an element to Hex 60646B is called "border". The border property can be set on classes, ids or directly on the HTML element.

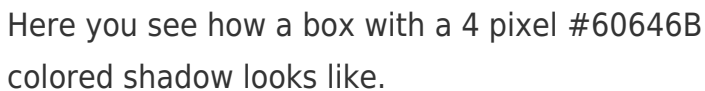
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#60646B }
```

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

```
.border{ border-color:#60646B }
```

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



Here you see how a box with a 4 pixel #60646B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #60646B; -webkit-box-shadow:4px 4px  
4px 4px #60646B; box-shadow:4px 4px 4px  
4px #60646B }
```

# Background

The CSS property to change the background color of an element to Hex 60646B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#60646B }
```

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

```
.background{ background-color:#60646B }
```

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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