

# Converting Colors

Hex(65656D)

Have a look what the booklet for  
Hex(65656D) contains.

<b>Hex(65656D)</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(65656D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	65656D
RGB	101, 101, 109
RGB Percent	40%, 40%, 43%
CMY	0.6039, 0.6039, 0.5725
CMYK	0.07, 0.07, 0.00, 0.57
HSL	240°, 4%, 41%
HSV	240°, 7%, 43%
XYZ	12.7808, 13.1782, 16.3380
YIQ	101.9120, -2.5680, 2.4880

# Conversions

## Conversions Part 2

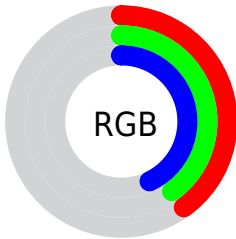
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	101, 101, 109
Decimal	6645101
CIE Lab	43.03, 1.72, -4.50
CIE LCh	43, 4.818, 290.885
Yxy	13.1782, 0.3022, 0.3116
Android (android.graphics.Color)	4284835181 (0xFF65656D)
YUV	101.9120, 3.4944, -0.7998
Hunter-Lab	36.3018, -0.6833, -1.2729

# Details

The Hex color **65656D** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **6D6D65**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **9898A0**, and **36363E** is the 20% darker color. If you saturate the color by 10%, you get **5A5A6D**, and if you desaturate by 10%, it is **70706D**.

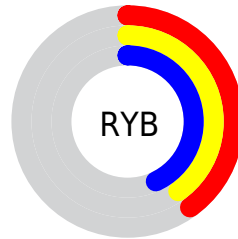
# Distribution



Red (40%)

Green (40%)

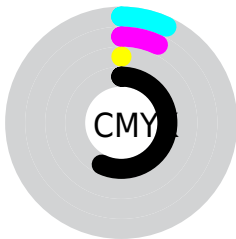
Blue (43%)



Red (40%)

Yellow (40%)

Blue (43%)

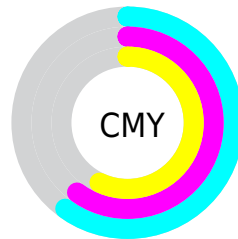


Cyan (7%)

Magenta (7%)

Yellow (0%)

Black (57%)



Cyan (60%)

Magenta (60%)

Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 65656D 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 65656D by changing the saturation by 10% instead.



■ 65656D

■ 65656D

FFFFFF

■ 4D4D55

■ 9898A0

■ 36363E

■ B3B3BB

■ 212128

■ CECED7

■ 0A0A13

■ EAEAF4

■ 000000

■ 65656D

■ 65656D

■ 5A5A6D

■ 70706D

■ 4F4F6D

■ 7B7B6D

■ 44446D

■ 86866D

■ 39396D

■ 91916D

■ 2F2F6D

■ 9B9B6D

■ 24246D

■ A6A66D

■ 19196D

■ B1B16D

■ 0E0E6D

■ BCBC6D

■ 03036D

■ C7C76D

# Harmonies

## Analogous

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



60666D



65656D



6A646B

# Triad

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



65656D



6D6460



5E6864

# Complementary

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



65656D



6D6D65

# 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.



616761



65656D



6A655E

# Square

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



65656D



6E6363



66665E



5C6868

# Rectangle

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



65656D



6C6368



66665E



5F6863



# Sweetspot

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



65656D



8C8C8F



656D6D



464647



C7C7C7



474747



# Same Dimension

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



65656D



82828F



69656D



303036



000075



0000F5



# Inverse Universe

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



6D656D



8F828F



696D65



363036



750075



F500F5



# Previews

## White Background



This preview shows how the Hex color 65656D looks on a white background.

## Color Contrast Check

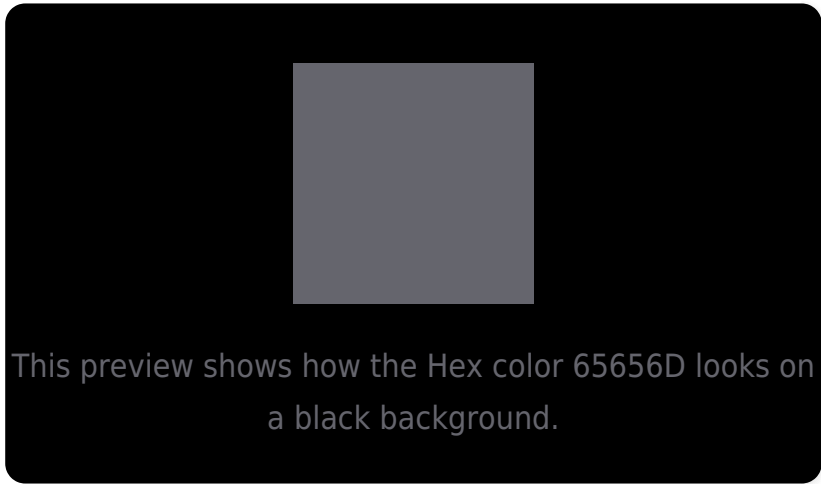
Large Text (above 18pt) WCAG AA ✓ Pass

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

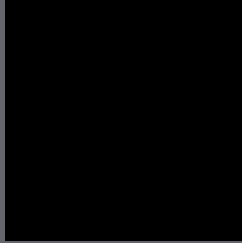
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

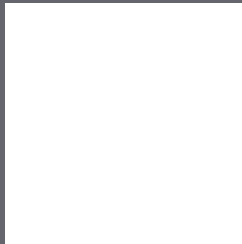
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 65656D Background



This preview shows how black text looks on a background with the Hex color 65656D.



This preview shows how white text looks on a background with the Hex color 65656D.

# 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**


65656D

**Protanopia**

65656D

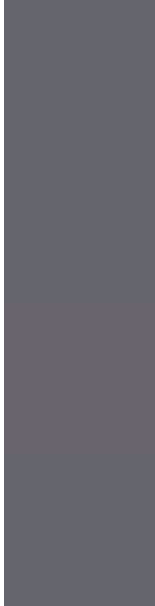
**Deuteranopia**

6C636D



**Tritanopia**  
65656D

# Trichromacy



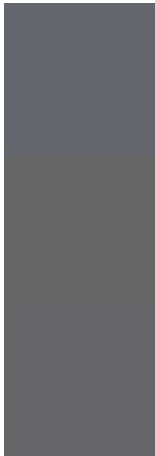
**Original Color**  
65656D

**Protanomaly**  
65656D

**Deuteranomaly**  
69646D

**Tritanomaly**  
65656D

# Monochromacy



**Original Color**  
65656D

**Achromatopsia**  
666666

**Achromatomaly**  
666669

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 65656D 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 #65656D looks like.

```
.text, #text, p{  
    color:#65656D  
}
```

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 #65656D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #65656D
}
```

## Border

The CSS property to change the border of an element to Hex 65656D is called "border". The border property can be set on classes, ids or directly on the HTML element.

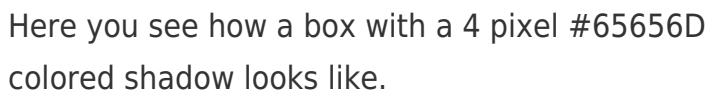
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#65656D }
```

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

```
.border{ border-color:#65656D }
```

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



Here you see how a box with a 4 pixel #65656D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #65656D; -webkit-box-shadow:4px 4px  
4px 4px #65656D; box-shadow:4px 4px 4px  
4px #65656D }
```

# Background

The CSS property to change the background color of an element to Hex 65656D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#65656D }
```

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

```
.background{ background-color:#65656D }
```

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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