

# Converting Colors

Hex(49656D)

Have a look what the booklet for  
Hex(49656D) contains.

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# Color

**Hex(49656D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	49656D
RGB	73, 101, 109
RGB Percent	29%, 40%, 43%
CMY	0.7137, 0.6039, 0.5725
CMYK	0.33, 0.07, 0.00, 0.57
HSL	193°, 20%, 36%
HSV	193°, 33%, 43%
XYZ	10.1617, 11.8280, 16.2154
YIQ	93.5400, -19.2560, -3.4480

# Conversions

## Conversions Part 2

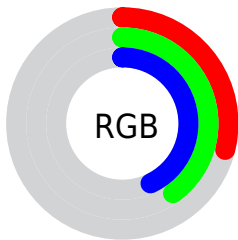
<b>Format</b>	<b>Color</b>
<b>RYB</b>	73, 89, 109
Decimal	4810093
CIELab	40.94, -8.13, -7.84
CIElCh	41, 11.291, 223.951
Yxy	11.8280, 0.2660, 0.3096
Android (android.graphics.Color)	4283000173 (0xFF49656D)
YUV	93.5400, 7.6218, -18.0136
Hunter-Lab	34.3918, -7.4447, -3.8805

# Details

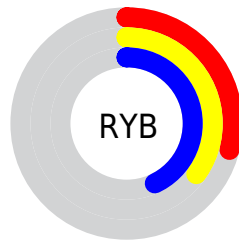
The Hex color **49656D** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **6D5149**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **7B98A0**, and **1A363E** is the 20% darker color. If you saturate the color by 10%, you get **3E636D**, and if you desaturate by 10%, it is **54676D**.

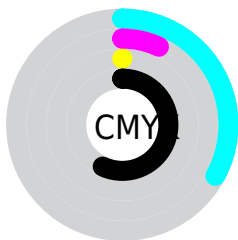
# Distribution



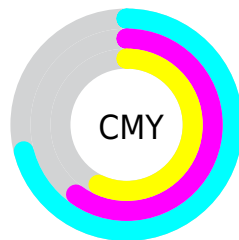
- Red (29%)
- Green (40%)
- Blue (43%)



- Red (29%)
- Yellow (35%)
- Blue (43%)



- Cyan (33%)
- Magenta (7%)
- Yellow (0%)
- Black (57%)



- Cyan (71%)
- Magenta (60%)
- Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 49656D 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 49656D by changing the saturation by 10% instead.



■ 49656D

■ 49656D

FFFFFF

■ 314D55

■ 7B98A0

■ 1A363E

■ 95B3BB

■ 032128

■ B0CED7

■ 000714

■ CCEAF4

■ 000000

■ E8FFFF

■ 49656D

■ 49656D

■ 3E636D

■ 54676D

■ 33606D

■ 5F6A6D

■ 285E6D

■ 6A6C6D

■ 1D5B6D

■ 756F6D

■ 12596D

■ 7F716D

■ 08566D

■ 8A746D

■ 00556D

■ 95766D

■ A0786D

■ AB7B6D

# Harmonies

## Analogous

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



496665



49656D



506372

# Triad

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



49656D



705B66



63614F

# Complementary

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



49656D



6D5149

# 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.



6C5E4F



49656D



745A5C

# Square

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



49656D



675D6E



735C54



596453

# Rectangle

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



49656D



586173



735C54



67604E



# Sweetspot

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



49656D



818C8F



496D51



3F4547



C7C7C7



474747



# Same Dimension

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



49656D



56828F



49536D



303436



005B75



00BEF5



# Inverse Universe

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



6D4965



8F5682



6D6349



363034



75005B

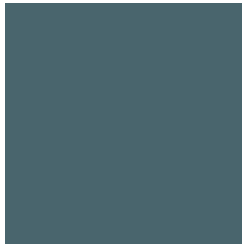


F500BE



# Previews

## White Background



This preview shows how the Hex color 49656D looks on a white background.

## Color Contrast Check

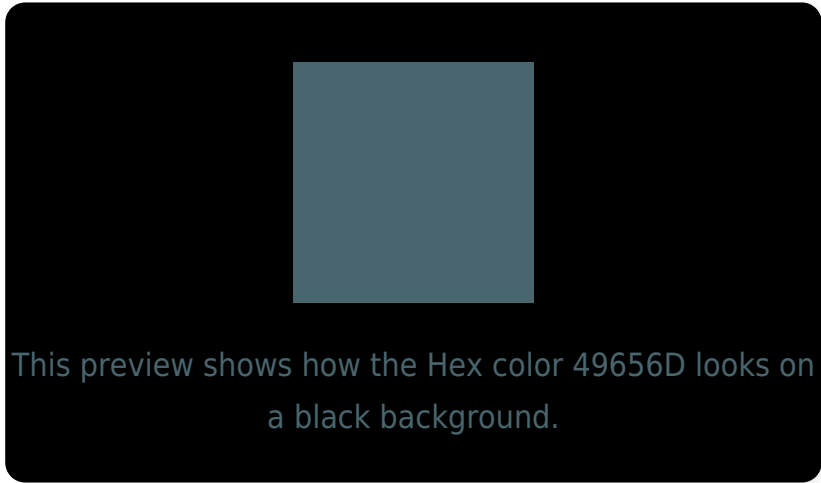
Large Text (above 18pt) WCAG AA ✓ Pass

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

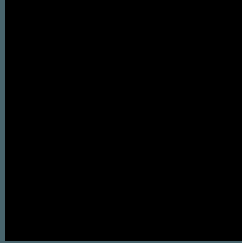
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

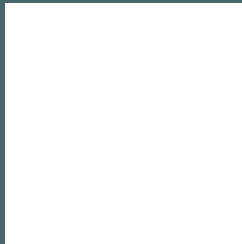
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 49656D Background



This preview shows how black text looks on a background with the Hex color 49656D.

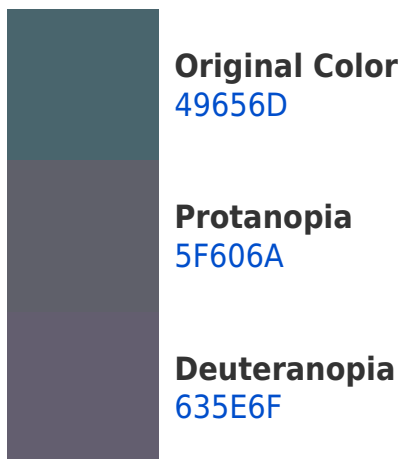



This preview shows how white text looks on a background with the Hex color 49656D.

# 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](#).

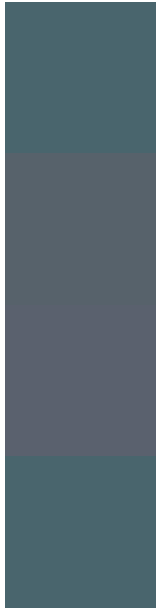
## Dichromacy





**Tritanopia**  
49656D

# Trichromacy



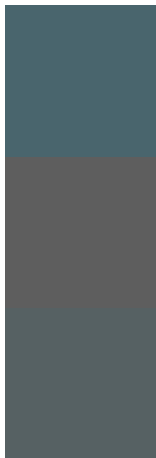
**Original Color**  
49656D

**Protanomaly**  
57626B

**Deuteranomaly**  
5A616E

**Tritanomaly**  
49656D

# Monochromacy



**Original Color**  
49656D

**Achromatopsia**  
5E5E5E

**Achromatomaly**  
566163

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 49656D 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 #49656D looks like.

```
.text, #text, p{  
    color:#49656D  
}
```

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 #49656D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #49656D
}
```

## Border

The CSS property to change the border of an element to Hex 49656D 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".

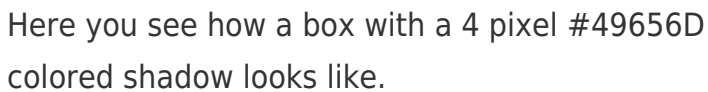
```
.border, #border, table{ border:4px solid
#49656D }
```

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

```
.border{ border-color:#49656D }
```

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

Here you see how a box with a 4 pixel #49656D colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #49656D; -webkit-box-shadow:4px 4px  
4px 4px #49656D; box-shadow:4px 4px 4px  
4px #49656D }
```

# Background

The CSS property to change the background color of an element to Hex 49656D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#49656D }
```

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

```
.background{ background-color:#49656D }
```

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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