

# Converting Colors

Hex(11656B)

Have a look what the booklet for  
Hex(11656B) contains.

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# Color

**Hex(11656B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	11656B
RGB	17, 101, 107
RGB Percent	7%, 40%, 42%
CMY	0.9333, 0.6039, 0.5804
CMYK	0.84, 0.06, 0.00, 0.58
HSL	184°, 73%, 24%
HSV	184°, 84%, 42%
XYZ	7.5387, 10.4881, 15.5370
YIQ	76.5680, -51.9900, -15.9420

# Conversions

## Conversions Part 2

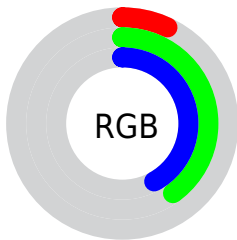
<b>Format</b>	<b>Color</b>
<b>RYB</b>	17, 60, 107
Decimal	1140075
CIELab	38.70, -20.97, -10.19
CIELCh	39, 23.315, 205.927
Yxy	10.4881, 0.2246, 0.3125
Android (android.graphics.Color)	4279330155 (0xFF11656B)
YUV	76.5680, 15.0030, -52.2411
Hunter-Lab	32.3853, -15.1228, -5.7749

# Details

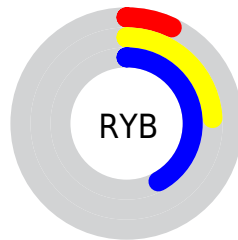
The Hex color **11656B** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **6B1711**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **50989E**, and **00363C** is the 20% darker color. If you saturate the color by 10%, you get **06646B**, and if you desaturate by 10%, it is **1C666B**.

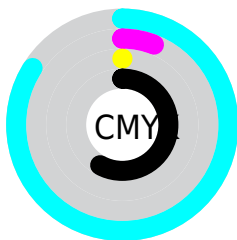
# Distribution



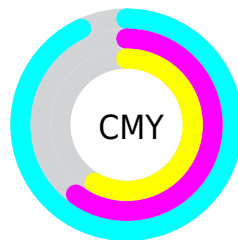
- Red (7%)
- Green (40%)
- Blue (42%)



- Red (7%)
- Yellow (24%)
- Blue (42%)



- Cyan (84%)
- Magenta (6%)
- Yellow (0%)
- Black (58%)




- Cyan (93%)
- Magenta (60%)
- Yellow (58%)


# Brightness & Saturation Gradients

These gradients show how the Hex color 11656B 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 11656B by changing the saturation by 10% instead.



 11656B

 11656B

FFFFFF

 004D53

 50989E

 00363C

 6BB3B9

 002126

 86CFD5

 000112


 A2EBF1

 000000

 BFFFFFF

 DBFFFF

 F9FFFF

 11656B

 11656B

06646B

1C666B

00646B

26666B

31676B

3C686B

46696B

51696B

5C6A6B

676B6B

716B6B

# Harmonies

## Analogous

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



286558



11656B



1C637A

# Triad

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



11656B



715171



6A5935

# Complementary

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



11656B



6B1711

# 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.



79533C



11656B



7E4D5E

# Square

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



11656B



5A577D



804E4C



575F39

# Rectangle

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



11656B



31607F



804E4C



705737



# Sweetspot

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



11656B



698A8C



116B17



324647



C7C7C7



474747



# Same Dimension

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



11656B



00838C



11386B



303536



006D75



00E4F5



# Inverse Universe

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



6B1165



8C0083



6B4411



363035



75006D

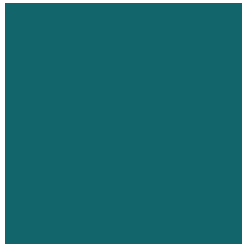


F500E4



# Previews

## White Background



This preview shows how the Hex color 11656B looks on a white background.

### Color Contrast Check

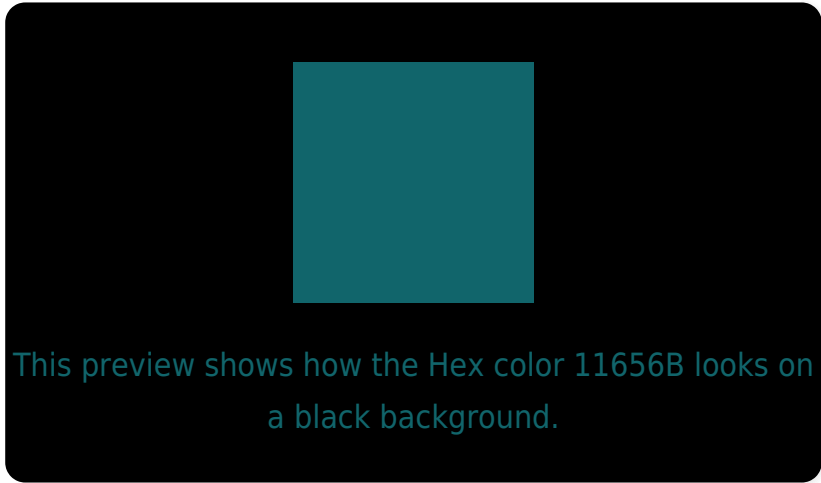
Large Text (above 18pt) WCAG AA ✓ Pass

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

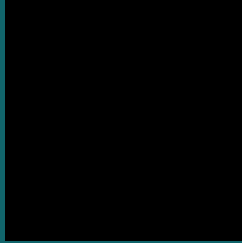
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 11656B Background



This preview shows how black text looks on a background with the Hex color 11656B.

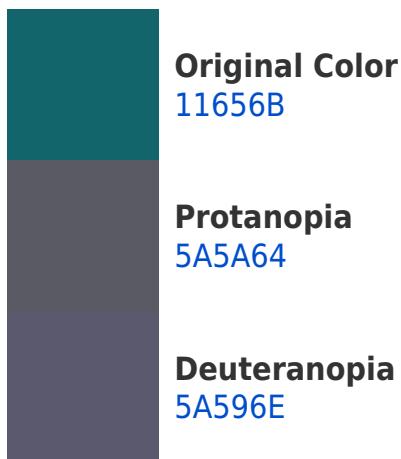


This preview shows how white text looks on a background with the Hex color 11656B.

# 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](#).

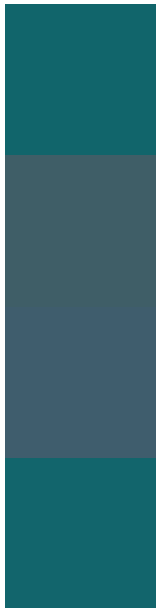
## Dichromacy





**Tritanopia**  
13656D

# Trichromacy



**Original Color**  
11656B

**Protanomaly**  
3F5E67

**Deuteranomaly**  
3F5D6D

**Tritanomaly**  
12656C

# Monochromacy



**Original Color**  
11656B

**Achromatopsia**  
4D4D4D

**Achromatomaly**  
375658

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 11656B 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 #11656B looks like.

```
.text, #text, p{  
    color:#11656B  
}
```

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 #11656B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #11656B
}
```

## Border

The CSS property to change the border of an element to Hex 11656B 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
#11656B }
```

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

```
.border{ border-color:#11656B }
```

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

Here you see how a box with a 4 pixel #11656B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #11656B; -webkit-box-shadow:4px 4px  
4px 4px #11656B; box-shadow:4px 4px 4px  
4px #11656B }
```

# Background

The CSS property to change the background color of an element to Hex 11656B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#11656B }
```

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

```
.background{ background-color:#11656B }
```

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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