

# Converting Colors

Hex(11636A)

Have a look what the booklet for  
Hex(11636A) contains.

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# Color

**Hex(11636A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	11636A
RGB	17, 99, 106
RGB Percent	7%, 39%, 42%
CMY	0.9333, 0.6118, 0.5843
CMYK	0.84, 0.07, 0.00, 0.58
HSL	185°, 72%, 24%
HSV	185°, 84%, 42%
XYZ	7.2945, 10.0835, 15.1975
YIQ	75.2800, -51.1190, -15.2070

# Conversions

## Conversions Part 2

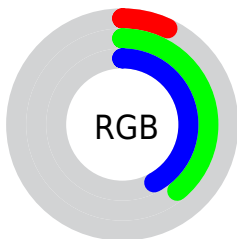
<b>Format</b>	<b>Color</b>
<b>RYB</b>	17, 60, 106
Decimal	1139562
CIELab	37.99, -20.24, -10.66
CIELCh	38, 22.874, 207.764
Yxy	10.0835, 0.2239, 0.3095
Android (android.graphics.Color)	4279329642 (0xFF11636A)
YUV	75.2800, 15.1450, -51.1116
Hunter-Lab	31.7545, -14.5659, -6.1477

# Details

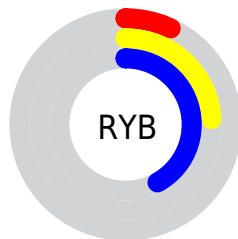
The Hex color **11636A** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **6A1811**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **4F969D**, and **00343B** is the 20% darker color. If you saturate the color by 10%, you get **06626A**, and if you desaturate by 10%, it is **1C646A**.

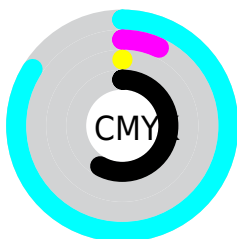
# Distribution



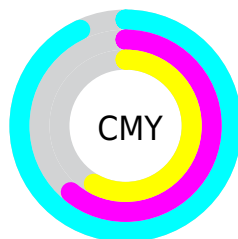
- Red (7%)
- Green (39%)
- Blue (42%)



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



- Cyan (84%)
- Magenta (7%)
- Yellow (0%)
- Black (58%)



- Cyan (93%)
- Magenta (61%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 11636A 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 11636A by changing the saturation by 10% instead.





11636A



11636A

FFFFFF



004B52



4F969D



00343B



6AB1B8



001F25



86CCD4



000110



A2E9F0



000000



BEFFFF



DBFFFF



F8FFFF



11636A



11636A

■ 06626A

■ 1C646A

■ 00626A

■ 26656A

■ 31666A

■ 3B666A

■ 46676A

■ 51686A

■ 5B696A

■ 666A6A

■ 706B6A

# Harmonies

## Analogous

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



266357



11636A



1E6078

# Triad

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



11636A



6F4F6D



675834

# Complementary

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



11636A



6A1811

# 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.



76513B



11636A



7C4B5C

# Square

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



11636A



5A557A



7D4C49



545D38

# Rectangle

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



11636A



325D7D



7D4C49



6C5635



# Sweetspot

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



11636A



67878A



116A17



304345



C4C4C4



454545



# Same Dimension

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



11636A



007F8A



11386A



303536



006C75



00E2F5



# Inverse Universe

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



6A1163



8A007F



6A4311



363035



75006C

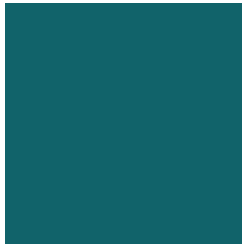


F500E2



# Previews

## White Background



This preview shows how the Hex color 11636A looks on a white background.

## Color Contrast Check

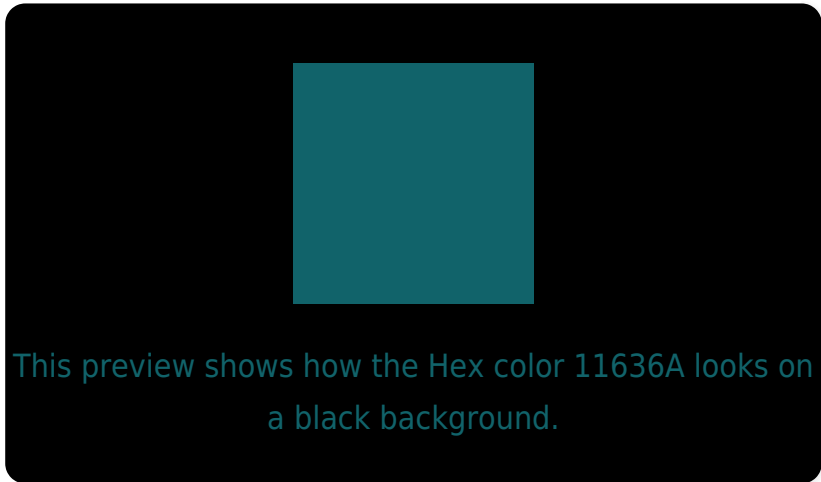
Large Text (above 18pt) WCAG AA ✓ Pass

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

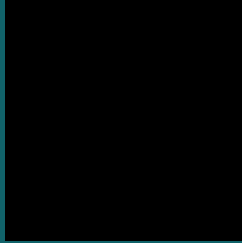
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 11636A Background



This preview shows how black text looks on a background with the Hex color 11636A.

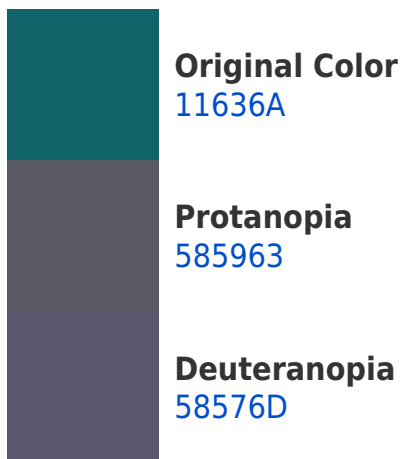


This preview shows how white text looks on a background with the Hex color 11636A.

# 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](#).

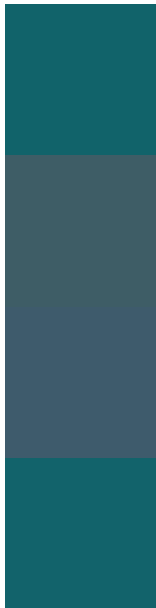
## Dichromacy





**Tritanopia**  
12636B

# Trichromacy



**Original Color**  
11636A

**Protanomaly**  
3E5D66

**Deuteranomaly**  
3E5B6C

**Tritanomaly**  
12636B

# Monochromacy



**Original Color**  
11636A

**Achromatopsia**  
4B4B4B

**Achromatomaly**  
365456

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 11636A 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 #11636A looks like.

```
.text, #text, p{  
    color:#11636A  
}
```

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 #11636A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #11636A
}
```

## Border

The CSS property to change the border of an element to Hex 11636A 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
#11636A }
```

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

```
.border{ border-color:#11636A }
```

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

Here you see how a box with a 4 pixel #11636A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #11636A; -webkit-box-shadow:4px 4px  
4px 4px #11636A; box-shadow:4px 4px 4px  
4px #11636A }
```

# Background

The CSS property to change the background color of an element to Hex 11636A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#11636A }
```

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

```
.background{ background-color:#11636A }
```

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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