

# Converting Colors

Hex(14676E)

Have a look what the booklet for  
Hex(14676E) contains.

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# Color

**Hex(14676E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	14676E
RGB	20, 103, 110
RGB Percent	8%, 40%, 43%
CMY	0.9216, 0.5961, 0.5686
CMYK	0.82, 0.06, 0.00, 0.57
HSL	185°, 69%, 25%
HSV	185°, 82%, 43%
XYZ	7.9532, 10.9750, 16.4511
YIQ	78.9810, -51.7150, -15.4190

# Conversions

## Conversions Part 2

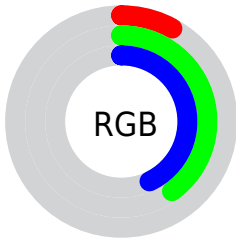
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	20, 63, 110
Decimal	1337198
CIE Lab	39.54, -20.69, -10.77
CIE LCh	40, 23.328, 207.486
Yxy	10.9750, 0.2248, 0.3102
Android (android.graphics.Color)	4279527278 (0xFF14676E)
YUV	78.9810, 15.2924, -51.7263
Hunter-Lab	33.1285, -15.1222, -6.2524

# Details

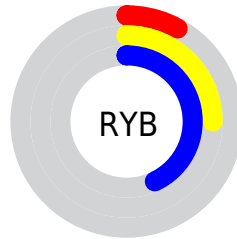
The Hex color **14676E** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **6E1B14**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **529AA2**, and **00383E** is the 20% darker color. If you saturate the color by 10%, you get **09666E**, and if you desaturate by 10%, it is **1F686E**.

# Distribution



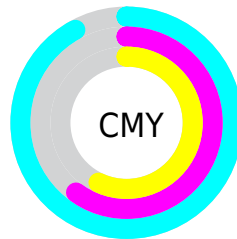
- Red (8%)
- Green (40%)
- Blue (43%)



- Red (8%)
- Yellow (25%)
- Blue (43%)



- Cyan (82%)
- Magenta (6%)
- Yellow (0%)
- Black (57%)



- Cyan (92%)
- Magenta (60%)
- Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 14676E 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 14676E by changing the saturation by 10% instead.



■ 14676E

■ 14676E

FFFFFF

■ 004F56

■ 529AA2

■ 00383E

■ 6DB5BD

■ 002229

■ 89D1D8

■ 000115

■ A5EDF5

■ 000000

■ C1FFFF

■ DEFFFF

■ FBFFFF

■ 14676E

■ 14676E

0966E

1F68E

00656E

2A696E

356A6E

406A6E

4B6B6E

566C6E

616D6E

6C6E6E

776F6E

# Harmonies

## Analogous

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



29675B



14676E



20647D

# Triad

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



14676E



745272



6B5B37

# Complementary

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



14676E



6E1B14

# 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.



7A553E



14676E



804F5F

# Square

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



14676E



5D597F



82504D



58613B

# Rectangle

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



14676E



356182



82504D



715938



# Sweetspot

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



14676E



6B8C8F



146E1A



324647



C7C7C7



474747



# Same Dimension

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



14676E



03848F



143B6E



323838



006F78



00E4F7



# Inverse Universe

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



6E1467



8F0384



6E4714



383238



78006F



F700E4



# Previews

## White Background



This preview shows how the Hex color 14676E looks on a white background.

## Color Contrast Check

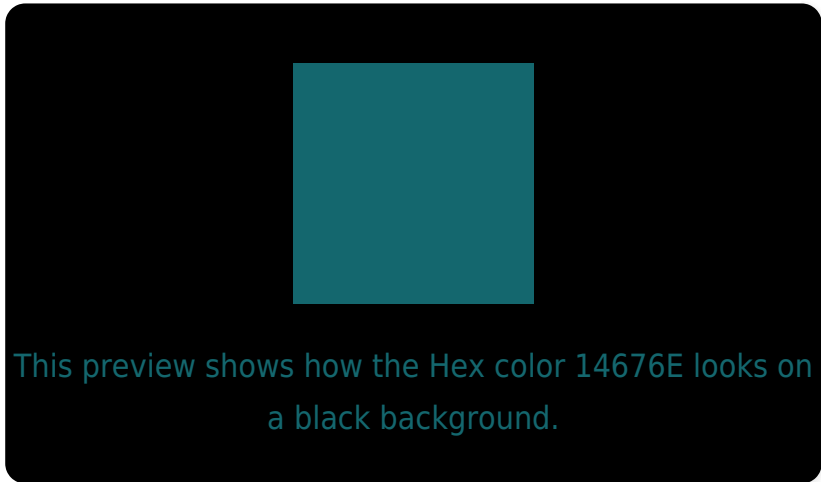
Large Text (above 18pt) WCAG AA ✓ Pass

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

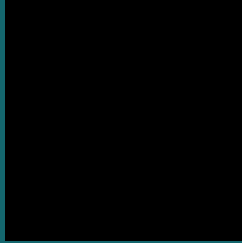
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 14676E Background



This preview shows how black text looks on a background with the Hex color 14676E.

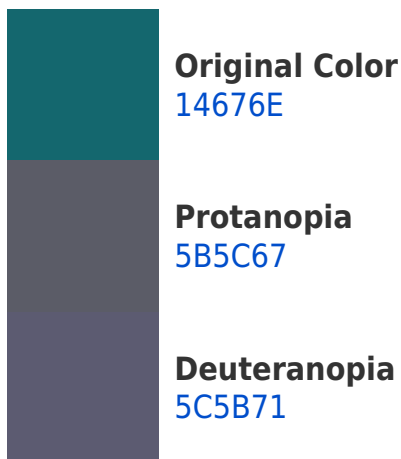



This preview shows how white text looks on a background with the Hex color 14676E.

# 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](#).

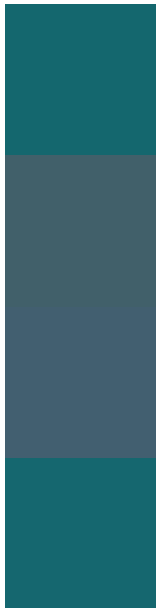
## Dichromacy





**Tritanopia**  
15676F

# Trichromacy



**Original Color**  
14676E

**Protanomaly**  
41606A

**Deuteranomaly**  
425F70

**Tritanomaly**  
15676F

# Monochromacy



**Original Color**  
14676E

**Achromatopsia**  
4F4F4F

**Achromatomaly**  
3A585A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 14676E 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 #14676E looks like.

```
.text, #text, p{  
    color:#14676E  
}
```

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 #14676E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #14676E
}
```

## Border

The CSS property to change the border of an element to Hex 14676E 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
#14676E }
```

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

```
.border{ border-color:#14676E }
```

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

Here you see how a box with a 4 pixel #14676E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #14676E; -webkit-box-shadow:4px 4px  
4px 4px #14676E; box-shadow:4px 4px 4px  
4px #14676E }
```

# Background

The CSS property to change the background color of an element to Hex 14676E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#14676E }
```

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

```
.background{ background-color:#14676E }
```

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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