

Converting Colors

Hex(16557E)

Have a look what the booklet for
Hex(16557E) contains.

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Color

Hex(16557E)

Conversions

Conversions Part 1

Format	Color
Hex	16557E
RGB	22, 85, 126
RGB Percent	9%, 33%, 49%
CMY	0.9137, 0.6667, 0.5059
CMYK	0.83, 0.33, 0.00, 0.51
HSL	204°, 70%, 29%
HSV	204°, 83%, 49%
XYZ	7.3453, 8.1739, 20.9293
YIQ	70.8370, -50.7090, -0.6050

Conversions

Conversions Part 2

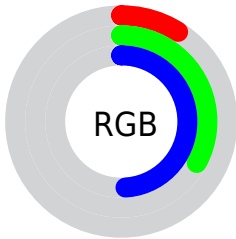
Format	Color
R _Y B	22, 61, 126
Decimal	1463678
CIE Lab	34.34, -4.02, -28.63
CIE LCh	34, 28.907, 262.007
Yxy	8.1739, 0.2015, 0.2243
Android (android.graphics.Color)	4279653758 (0xFF16557E)
YUV	70.8370, 27.1954, -42.8300
Hunter-Lab	28.5901, -4.1730, -23.3899

Details

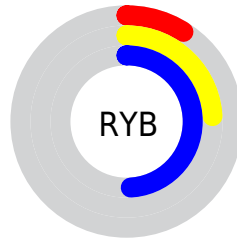
The Hex color **16557E** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **7E3F16**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **5486B3**, and **00284D** is the 20% darker color. If you saturate the color by 10%, you get **09507E**, and if you desaturate by 10%, it is **235A7E**.

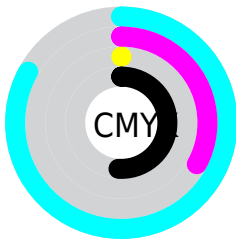
Distribution



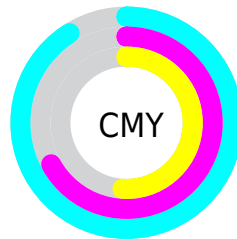
- Red (9%)
- Green (33%)
- Blue (49%)



- Red (9%)
- Yellow (24%)
- Blue (49%)



- Cyan (83%)
- Magenta (33%)
- Yellow (0%)
- Black (51%)



- Cyan (91%)
- Magenta (67%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 16557E 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 16557E by changing the saturation by 10% instead.

■ 16557E

■ 16557E

FFFFFF

■ 003E65

■ 5486B3

■ 00284D

■ 70A1CF

■ 001436

■ 8BBBEB

■ 000220

■ A7D7FF

■ 000004

■ C4F4FF

■ 000000

■ E1FFFF

■ FEFFFF

■ 16557E

■ 16557E

■ 09507E

■ 235A7E

■ 004C7E

■ 2F5F7E

■ 3C647E

■ 48697E

■ 556E7E

■ 62737E

■ 6E787E

■ 7B7D7E

■ 87827E

Harmonies

Analogous

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



005A74



16557E



494D7B

Triad

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



16557E



7C3F41



335A33

Complementary

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



16557E



7E3F16

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.



4E5525



16557E



74452D

Square

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



16557E



783E58



644D22



025C4A

Rectangle

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



16557E



5F4773



644D22



3C582D

Sweetspot

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



16557E



7A93A3



167E3E



394852



D1D1D1



525252

Same Dimension

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



16557E



0264A3



16227E



393D40



004D80



000000

Inverse Universe

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



7E1655



A30264



7E7216



40393D



80004D



000000

Previews

White Background



This preview shows how the Hex color 16557E looks on a white background.

Color Contrast Check

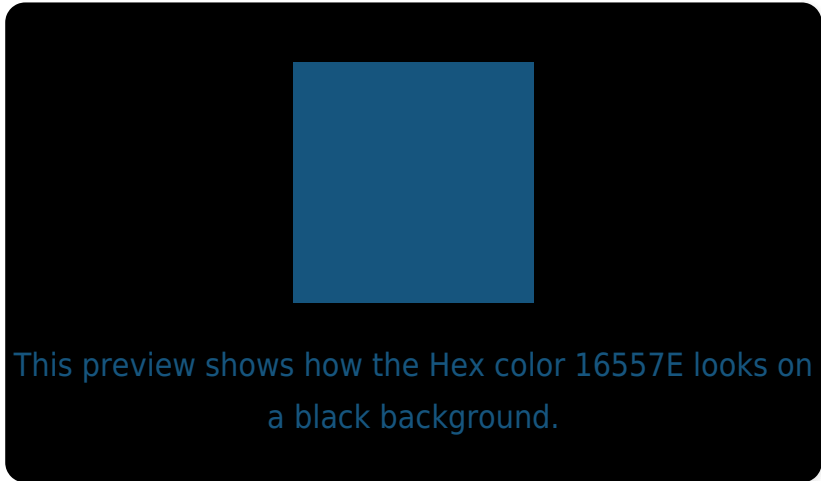
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

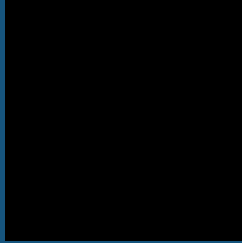
Any Text WCAG AA × Fail

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 16557E Background



This preview shows how black text looks on a background with the Hex color 16557E.

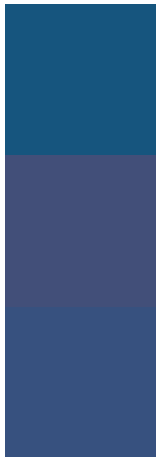


This preview shows how white text looks on a background with the Hex color 16557E.

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
16557E

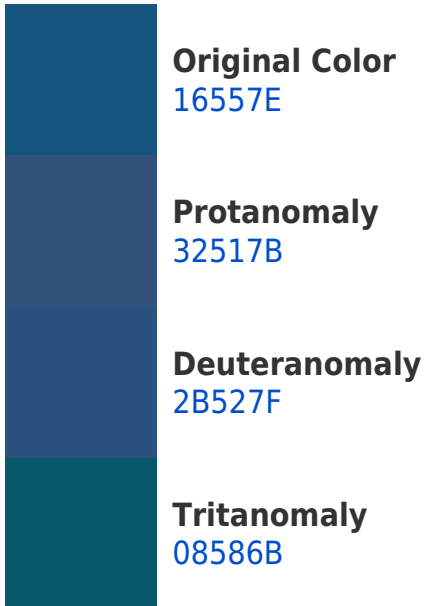
Protanopia
424F79

Deuteranopia
37517F

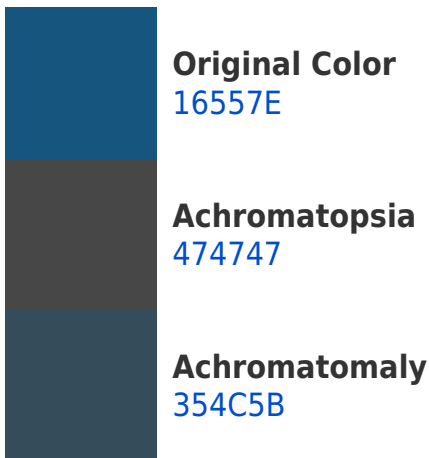


Tritanopia
005A60

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 16557E 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 #16557E looks like.

```
.text, #text, p{  
    color:#16557E  
}
```

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 #16557E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #16557E
}
```

Border

The CSS property to change the border of an element to Hex 16557E is called "border". The border property can be set on classes, ids or directly on the HTML element.

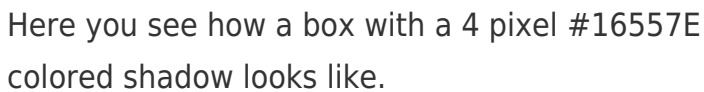
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#16557E }
```

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

```
.border{ border-color:#16557E }
```

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



Here you see how a box with a 4 pixel #16557E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #16557E; -webkit-box-shadow:4px 4px  
4px 4px #16557E; box-shadow:4px 4px 4px  
4px #16557E }
```

Background

The CSS property to change the background color of an element to Hex 16557E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#16557E }
```

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

```
.background{ background-color:#16557E }
```

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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