

Converting Colors

Hex(1E657B)

Have a look what the booklet for
Hex(1E657B) contains.

Hex(1E657B)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(1E657B)

Conversions

Conversions Part 1

Format	Color
Hex	1E657B
RGB	30, 101, 123
RGB Percent	12%, 40%, 48%
CMY	0.8824, 0.6039, 0.5176
CMYK	0.76, 0.18, 0.00, 0.52
HSL	194°, 61%, 30%
HSV	194°, 76%, 48%
XYZ	8.7643, 11.0134, 20.4028
YIQ	82.2790, -49.3780, -8.2100

Conversions

Conversions Part 2

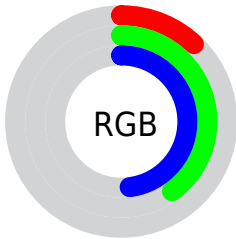
Format	Color
R_{YB}	30, 70, 123
Decimal	1992059
CIE _{Lab}	39.60, -13.78, -18.58
CIE _{LCh}	40, 23.132, 233.439
Yxy	11.0134, 0.2181, 0.2741
Android (android.graphics.Color)	4280182139 (0xFF1E657B)
YUV	82.2790, 20.0755, -45.8487
Hunter-Lab	33.1865, -10.9362, -13.2204

Details

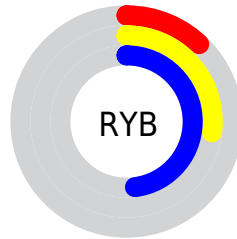
The Hex color **1E657B** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **7B341E**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **5998B0**, and **00364A** is the 20% darker color. If you saturate the color by 10%, you get **12627B**, and if you desaturate by 10%, it is **2A687B**.

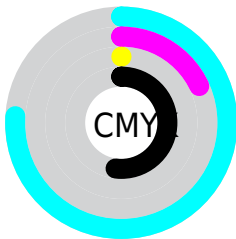
Distribution



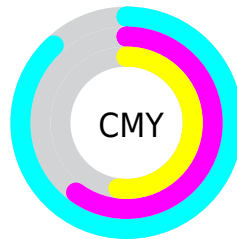
- Red (12%)
- Green (40%)
- Blue (48%)



- Red (12%)
- Yellow (27%)
- Blue (48%)



- Cyan (76%)
- Magenta (18%)
- Yellow (0%)
- Black (52%)



- Cyan (88%)
- Magenta (60%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1E657B 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 1E657B by changing the saturation by 10% instead.

■ 1E657B

■ 1E657B

FFFFFF

■ 004D62

■ 5998B0

■ 00364A

■ 74B3CB

■ 002133

■ 90CEE7

■ 00021F

■ ACEBFF

■ 000002

■ C8FFFF

■ 000000

■ E5FFFF

■ 1E657B

■ 1E657B

■ 12627B

■ 2A687B

055F7B

376B7B

005E7B

436E7B

4F717B

5B747B

68767B

74797B

807C7B

8D7F7B

Harmonies

Analogous

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



17676C



1E657B



3C6082

Triad

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



1E657B



7F4F62



5B613A

Complementary

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



1E657B



7B341E

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.



6E5B38



1E657B



82504F

Square

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



1E657B



715374



7C5440



456546

Rectangle

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



1E657B



505C82



7C5440



615F38

Sweetspot

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



1E657B



7C98A1



1E7B34



3B4C52



D1D1D1



525252

Same Dimension

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



1E657B



0E7EA1



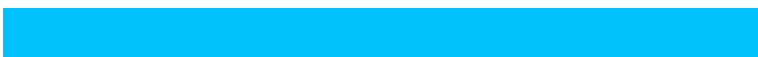
1E377B



373C3D



005F7D



00C1FC

Inverse Universe

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



7B1E65



A10E7E



7B621E



3D373C



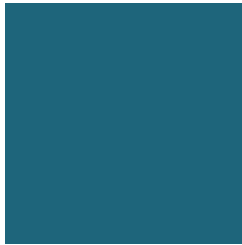
7D005F



FC00C1

Previews

White Background



This preview shows how the Hex color 1E657B looks on a white background.

Color Contrast Check

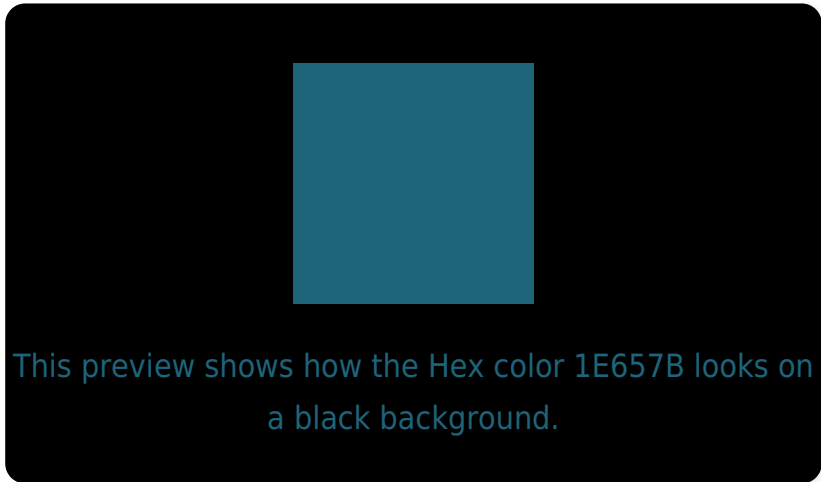
Large Text (above 18pt) WCAG AA ✓ Pass

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

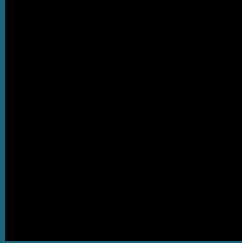
Any Text WCAG AA × Fail

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 1E657B Background



This preview shows how black text looks on a background with the Hex color 1E657B.



This preview shows how white text looks on a background with the Hex color 1E657B.

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](#).

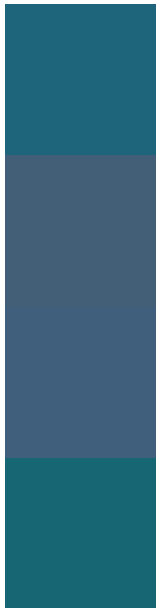
Dichromacy





Tritanopia
13676F

Trichromacy



Original Color
1E657B

Protanomaly
425F77

Deuteranomaly
405F7C

Tritanomaly
176673

Monochromacy



Original Color
1E657B

Achromatopsia
525252

Achromatomaly
3F5961

CSS Examples

Text

The CSS property to change the color of the text to Hex 1E657B 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 #1E657B looks like.

```
.text, #text, p{  
    color:#1E657B  
}
```

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 #1E657B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1E657B
}
```

Border

The CSS property to change the border of an element to Hex 1E657B 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
#1E657B }
```

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

```
.border{ border-color:#1E657B }
```

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

Here you see how a box with a 4 pixel #1E657B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1E657B; -webkit-box-shadow:4px 4px  
4px 4px #1E657B; box-shadow:4px 4px 4px  
4px #1E657B }
```

Background

The CSS property to change the background color of an element to Hex 1E657B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1E657B }
```

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

```
.background{ background-color:#1E657B }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor