

Converting Colors

Hex(1E677D)

Have a look what the booklet for
Hex(1E677D) contains.

Hex(1E677D)	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(1E677D)

Conversions

Conversions Part 1

Format	Color
Hex	1E677D
RGB	30, 103, 125
RGB Percent	12%, 40%, 49%
CMY	0.8824, 0.5961, 0.5098
CMYK	0.76, 0.18, 0.00, 0.51
HSL	194°, 61%, 30%
HSV	194°, 76%, 49%
XYZ	9.0873, 11.4572, 21.1345
YIQ	83.6810, -50.5700, -8.6340

Conversions

Conversions Part 2

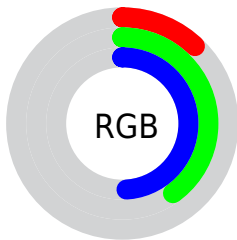
Format	Color
R _Y B	30, 71, 125
Decimal	1992573
CIE Lab	40.34, -14.21, -18.66
CIE LCh	40, 23.458, 232.706
Yxy	11.4572, 0.2180, 0.2749
Android (android.graphics.Color)	4280182653 (0xFF1E677D)
YUV	83.6810, 20.3703, -47.0782
Hunter-Lab	33.8485, -11.3127, -13.3260

Details

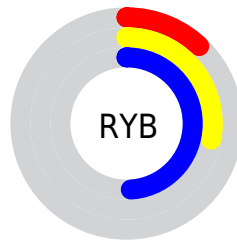
The Hex color **1E677D** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **7D341E**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **599AB2**, and **00384C** is the 20% darker color. If you saturate the color by 10%, you get **12647D**, and if you desaturate by 10%, it is **2B6A7D**.

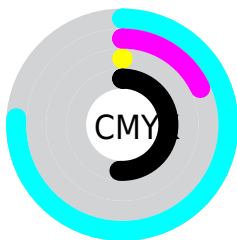
Distribution



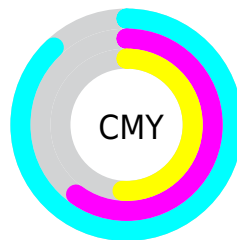
- Red (12%)
- Green (40%)
- Blue (49%)



- Red (12%)
- Yellow (28%)
- Blue (49%)



- Cyan (76%)
- Magenta (18%)
- Yellow (0%)
- Black (51%)



- Cyan (88%)
- Magenta (60%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1E677D 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 1E677D by changing the saturation by 10% instead.

■ 1E677D

■ 1E677D

FFFFFF

■ 004F64

■ 599AB2

■ 00384C

■ 75B5CD

■ 002235

■ 90D1E9

■ 000420

■ ADEDFE

■ 000005

■ C9FFFF

■ 000000

■ E6FFFF

■ 1E677D

■ 1E677D

■ 12647D

■ 2B6A7D

05617D

376D7D

00607D

44707D

50737D

5D757D

69787D

767B7D

827E7D

8F817D

Harmonies

Analogous

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



18696D



1E677D



3C6285

Triad

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



1E677D



815165



5D623B

Complementary

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



1E677D



7D341E

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.



705C39



1E677D



855151

Square

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



1E677D



735577



7E5641



476747

Rectangle

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



1E677D



515E84



7E5641



646139

Sweetspot

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



1E677D



7E9BA3



1E7D33



3B4C52



D1D1D1



525252

Same Dimension

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



1E677D



0F81A3



1E397D



393E40



006280



000000

Inverse Universe

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



7D1E67



A30F81



7D621E



40393E



800062



000000

Previews

White Background



This preview shows how the Hex color 1E677D looks on a white background.

Color Contrast Check

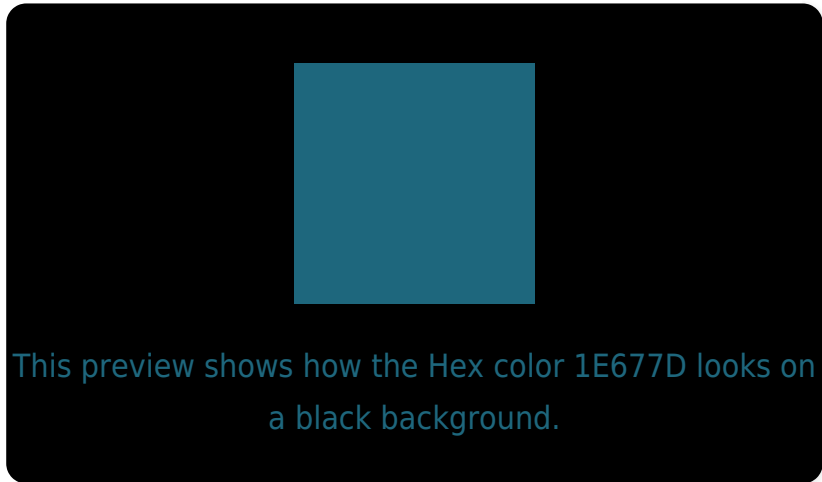
Large Text (above 18pt) WCAG AA ✓ Pass

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

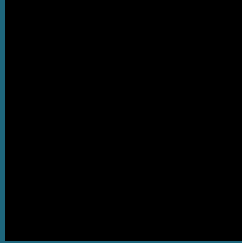
Any Text WCAG AA × Fail

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 1E677D Background



This preview shows how black text looks on a background with the Hex color 1E677D.




This preview shows how white text looks on a background with the Hex color 1E677D.

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](#).

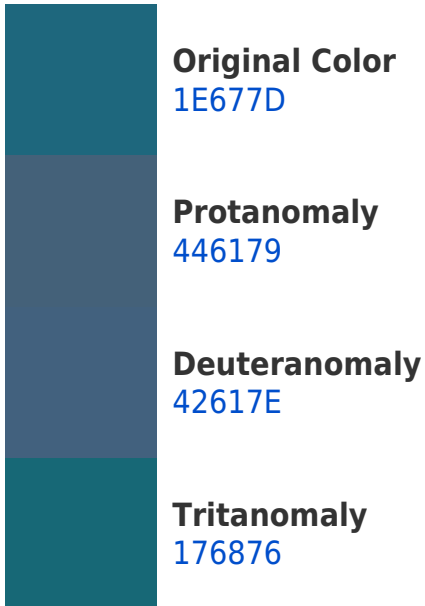
Dichromacy





Tritanopia
136972

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 1E677D 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 #1E677D looks like.

```
.text, #text, p{  
    color:#1E677D  
}
```

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 #1E677D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1E677D
}
```

Border

The CSS property to change the border of an element to Hex 1E677D 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
#1E677D }
```

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

```
.border{ border-color:#1E677D }
```

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

Here you see how a box with a 4 pixel #1E677D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1E677D; -webkit-box-shadow:4px 4px  
4px 4px #1E677D; box-shadow:4px 4px 4px  
4px #1E677D }
```

Background

The CSS property to change the background color of an element to Hex 1E677D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1E677D }
```

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

```
.background{ background-color:#1E677D }
```

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