

Converting Colors

Hex(1E737F)

Have a look what the booklet for
Hex(1E737F) contains.

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Color

Hex(1E737F)

Conversions

Conversions Part 1

Format	Color
Hex	1E737F
RGB	30, 115, 127
RGB Percent	12%, 45%, 50%
CMY	0.8824, 0.5490, 0.5020
CMYK	0.76, 0.09, 0.00, 0.50
HSL	187°, 62%, 31%
HSV	187°, 76%, 50%
XYZ	10.4969, 14.0698, 22.2412
YIQ	90.9530, -54.5120, -14.2880

Conversions

Conversions Part 2

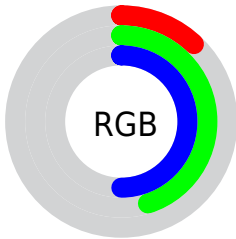
Format	Color
RYB	30, 75, 127
Decimal	1995647
CIELab	44.33, -20.17, -13.76
CIELCh	44, 24.416, 214.316
Yxy	14.0698, 0.2243, 0.3006
Android (android.graphics.Color)	4280185727 (0xFF1E737F)
YUV	90.9530, 17.7712, -53.4558
Hunter-Lab	37.5097, -15.6896, -8.8988

Details

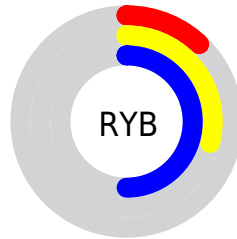
The Hex color **1E737F** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **7F2A1E**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **5BA7B4**, and **00434E** is the 20% darker color. If you saturate the color by 10%, you get **11717F**, and if you desaturate by 10%, it is **2B757F**.

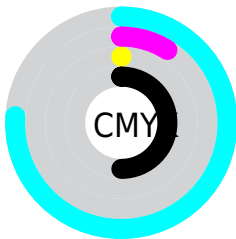
Distribution



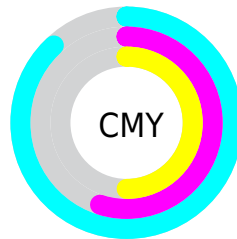
- Red (12%)
- Green (45%)
- Blue (50%)



- Red (12%)
- Yellow (29%)
- Blue (50%)



- Cyan (76%)
- Magenta (9%)
- Yellow (0%)
- Black (50%)



- Cyan (88%)
- Magenta (55%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1E737F 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 1E737F by changing the saturation by 10% instead.

■ 1E737F

■ 1E737F

FFFFFF

■ 005A66

■ 5BA7B4

■ 00434E

■ 77C2CF

■ 002C37

■ 93DFEB

■ 001922

■ AFFBFF

■ 00000A

■ CCFFFF

■ 000000

■ E9FFFF

■ 1E737F

■ 1E737F

■ 11717F

■ 2B757F

■ 05707F

■ 37767F

■ 006F7F

■ 44787F

■ 51797F

■ 5E7B7F

■ 6A7C7F

■ 777E7F

■ 84807F

■ 90817F

Harmonies

Analogous

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



2D746B



1E737F



31708D

Triad

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



1E737F



855C7B



746940

Complementary

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



1E737F



7F2A1E

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.



856245



1E737F



905967

Square

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



1E737F



6F638A



8F5C53



5E6E47

Rectangle

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



1E737F



466C91



8F5C53



7A6640

Sweetspot

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



1E737F



80A1A6



1E7F29



3D5154



D4D4D4



545454

Same Dimension

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



1E737F



0D93A6



1E437F



393F40



007080



000000

Inverse Universe

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



7F1E73



A60D93



7F5A1E



40393F



800070



000000

Previews

White Background



This preview shows how the Hex color 1E737F looks on a white background.

Color Contrast Check

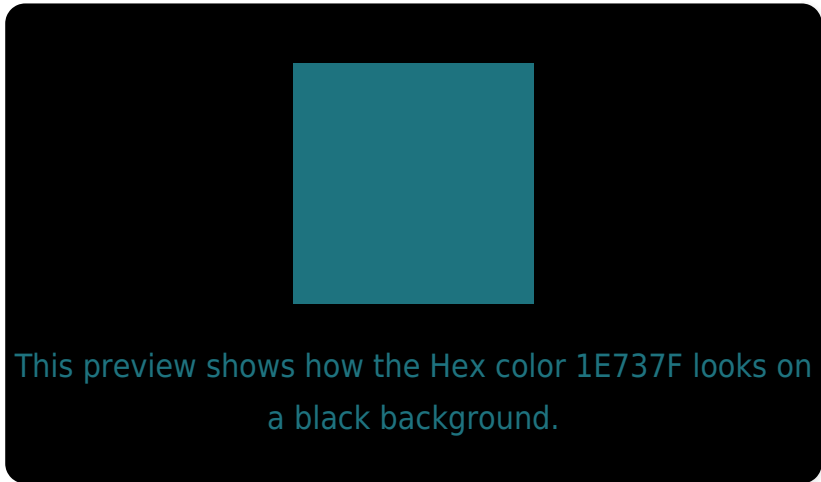
Large Text (above 18pt) WCAG AA ✓ Pass

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

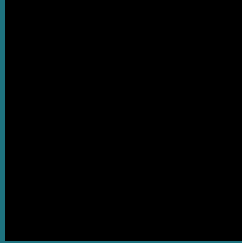
Any Text WCAG AA × Fail

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 1E737F Background



This preview shows how black text looks on a background with the Hex color 1E737F.

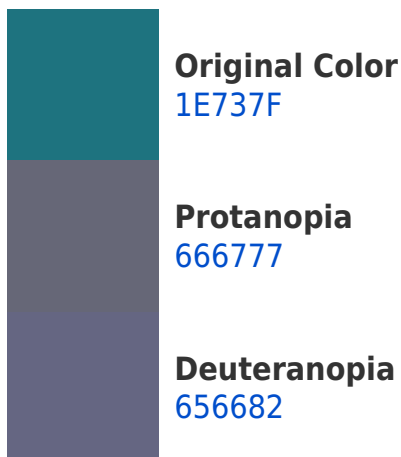


This preview shows how white text looks on a background with the Hex color 1E737F.

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
1C737D

Trichromacy



Original Color
1E737F

Protanomaly
4C6B7A

Deuteranomaly
4B6B81

Tritanomaly
1D737E

Monochromacy



Original Color
1E737F

Achromatopsia
5B5B5B

Achromatomaly
456468

CSS Examples

Text

The CSS property to change the color of the text to Hex 1E737F 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 #1E737F looks like.

```
.text, #text, p{  
    color:#1E737F  
}
```

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 #1E737F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1E737F
}
```

Border

The CSS property to change the border of an element to Hex 1E737F 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
#1E737F }
```

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

```
.border{ border-color:#1E737F }
```

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

Here you see how a box with a 4 pixel #1E737F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1E737F; -webkit-box-shadow:4px 4px  
4px 4px #1E737F; box-shadow:4px 4px 4px  
4px #1E737F }
```

Background

The CSS property to change the background color of an element to Hex 1E737F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1E737F }
```

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

```
.background{ background-color:#1E737F }
```

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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