

Converting Colors

Hex(1E688E)

Have a look what the booklet for
Hex(1E688E) contains.

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Color

Hex(1E688E)

Conversions

Conversions Part 1

Format	Color
Hex	1E688E
RGB	30, 104, 142
RGB Percent	12%, 41%, 56%
CMY	0.8824, 0.5922, 0.4431
CMYK	0.79, 0.27, 0.00, 0.44
HSL	200°, 65%, 34%
HSV	200°, 79%, 56%
XYZ	10.3682, 12.1296, 27.3860
YIQ	86.2060, -56.3020, -3.8700

Conversions

Conversions Part 2

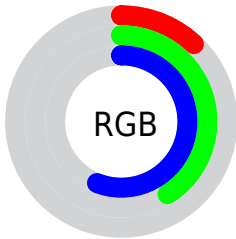
Format	Color
RYB	30, 75, 142
Decimal	1992846
CIELab	41.42, -8.60, -27.24
CIElCh	41, 28.570, 252.479
Yxy	12.1296, 0.2078, 0.2432
Android (android.graphics.Color)	4280182926 (0xFF1E688E)
YUV	86.2060, 27.5064, -49.2927
Hunter-Lab	34.8276, -7.8087, -22.2421

Details

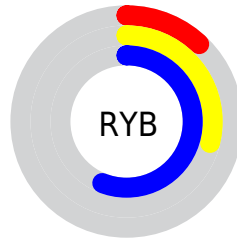
The Hex color **1E688E** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **8E441E**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **5C9BC4**, and **00395C** is the 20% darker color. If you saturate the color by 10%, you get **10638E**, and if you desaturate by 10%, it is **2C6D8E**.

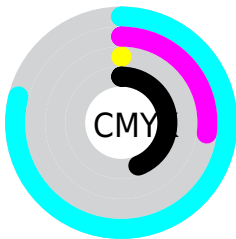
Distribution



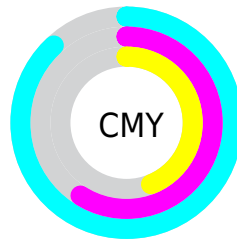
- Red (12%)
- Green (41%)
- Blue (56%)



- Red (12%)
- Yellow (29%)
- Blue (56%)



- Cyan (79%)
- Magenta (27%)
- Yellow (0%)
- Black (44%)



- Cyan (88%)
- Magenta (59%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1E688E 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 1E688E by changing the saturation by 10% instead.

■ 1E688E

■ 1E688E

FFFFFF

■ 005074

■ 5C9BC4

■ 00395C

■ 79B6E0

■ 002444

■ 95D1FD

■ 000D2D

■ B1EEFF

■ 000118

■ CEFFFF

■ 000000

■ EBFFFF

■ 1E688E

■ 1E688E

■ 10638E

■ 2C6D8E

■ 025E8E

■ 3A728E

■ 005E8E

■ 49768E

■ 577B8E

■ 65808E

■ 73858E

■ 818A8E

■ 908F8E

■ 9E938E

Harmonies

Analogous

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



006C81



1E688E



4E618F

Triad

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



1E688E



8F4F59



4D693E

Complementary

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



1E688E



8E441E

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.



676333



1E688E



8B5443

Square

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



1E688E



865170



7C5C35



2D6D53

Rectangle

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



1E688E



675B89



7C5C35



566839

Sweetspot

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



1E688E



8CA9B8



1E8E43



41535C



DBDBDB



5C5C5C

Same Dimension

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



1E688E



097CB8



1E318E



404547



005987



000508

Inverse Universe

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



8E1E68



B8097C



8E7B1E



474045



870059



080005

Previews

White Background



This preview shows how the Hex color 1E688E looks on a white background.

Color Contrast Check

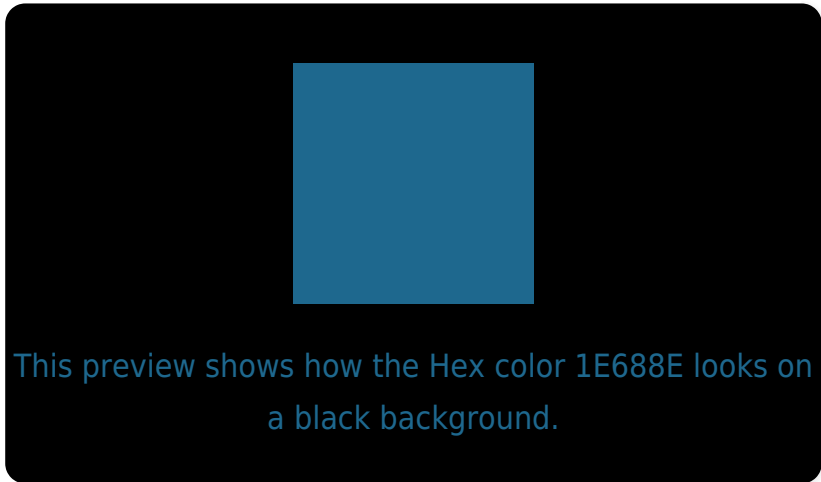
Large Text (above 18pt) WCAG AA ✓ Pass

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

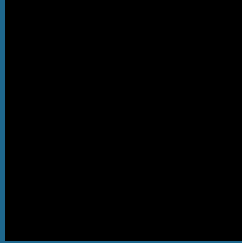
Any Text WCAG AA × Fail

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 1E688E Background



This preview shows how black text looks on a background with the Hex color 1E688E.



This preview shows how white text looks on a background with the Hex color 1E688E.

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](#).

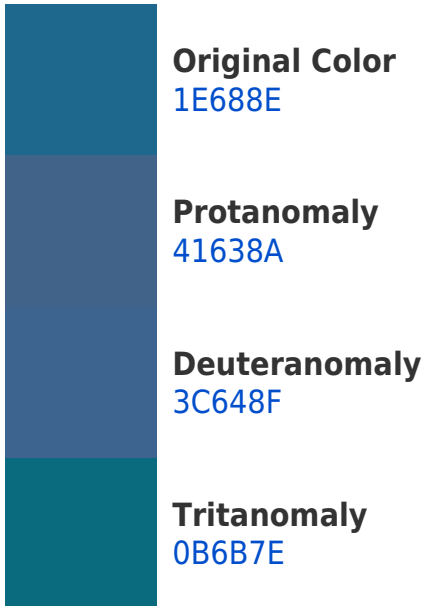
Dichromacy



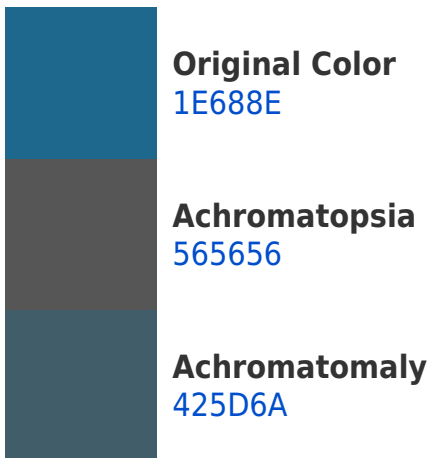


Tritanopia
006C75

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 1E688E 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 #1E688E looks like.

```
.text, #text, p{  
    color:#1E688E  
}
```

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 #1E688E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1E688E
}
```

Border

The CSS property to change the border of an element to Hex 1E688E 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
#1E688E }
```

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

```
.border{ border-color:#1E688E }
```

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

Here you see how a box with a 4 pixel #1E688E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1E688E; -webkit-box-shadow:4px 4px  
4px 4px #1E688E; box-shadow:4px 4px 4px  
4px #1E688E }
```

Background

The CSS property to change the background color of an element to Hex 1E688E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1E688E }
```

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

```
.background{ background-color:#1E688E }
```

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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