

Converting Colors

Hex(1E7189)

Have a look what the booklet for
Hex(1E7189) contains.

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Color

Hex(1E7189)

Conversions

Conversions Part 1

Format	Color
Hex	1E7189
RGB	30, 113, 137
RGB Percent	12%, 44%, 54%
CMY	0.8824, 0.5569, 0.4627
CMYK	0.78, 0.18, 0.00, 0.46
HSL	193°, 64%, 33%
HSV	193°, 78%, 54%
XYZ	10.9559, 13.8924, 25.7710
YIQ	90.9190, -57.1720, -10.1320

Conversions

Conversions Part 2

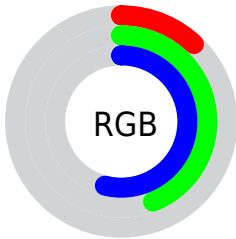
Format	Color
RYB	30, 77, 137
Decimal	1995145
CIELab	44.08, -15.62, -20.13
CIElCh	44, 25.482, 232.189
Yxy	13.8924, 0.2164, 0.2744
Android (android.graphics.Color)	4280185225 (0xFF1E7189)
YUV	90.9190, 22.7179, -53.4260
Hunter-Lab	37.2725, -12.7586, -14.9035

Details

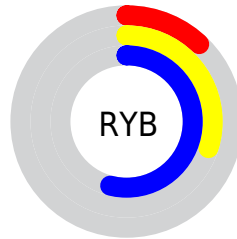
The Hex color **1E7189** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **89361E**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **5CA5BE**, and **004157** is the 20% darker color. If you saturate the color by 10%, you get **106E89**, and if you desaturate by 10%, it is **2C7489**.

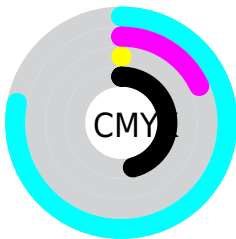
Distribution



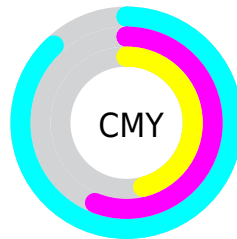
- Red (12%)
- Green (44%)
- Blue (54%)



- Red (12%)
- Yellow (30%)
- Blue (54%)



- Cyan (78%)
- Magenta (18%)
- Yellow (0%)
- Black (46%)



- Cyan (88%)
- Magenta (56%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1E7189 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 1E7189 by changing the saturation by 10% instead.

 1E7189

 1E7189

FFFFFF

 005870

 5CA5BE

 004157

 78C0DA

 002B40

 94DCF7

 00182A

 B1F9FF

 000115

 CEFFFF

 000000

 EBFFFF

 1E7189

 1E7189

 106E89

 2C7489

■ 036B89

■ 397789

■ 006A89

■ 477A89

■ 557D89

■ 638089

■ 708389

■ 7E8789

■ 8C8A89

■ 998D89

Harmonies

Analogous

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



187377



1E7189



416C92

Triad

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



1E7189



8E586F



666C40

Complementary

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



1E7189



89361E

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.



7B653E



1E7189



925959

Square

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



1E7189



7E5D82



8B5E48



4E714E

Rectangle

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



1E7189



586791



8B5E48



6E6A3E

Sweetspot

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



1E7189



89A9B3



1E8935



405459



D9D9D9



595959

Same Dimension

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



1E7189



0B8DB3



1E3C89



3E4345



006785



000405

Inverse Universe

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



891E71



B30B8D



896B1E



453E43



850067



050004

Previews

White Background



This preview shows how the Hex color 1E7189 looks on a white background.

Color Contrast Check

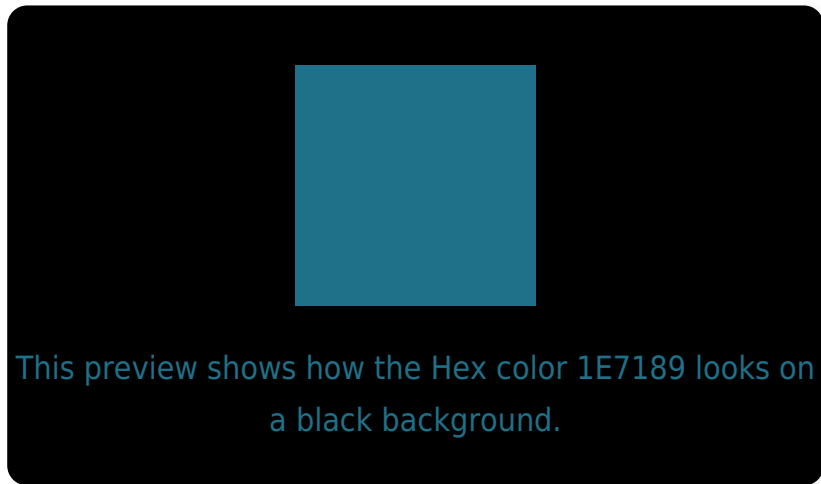
Large Text (above 18pt) WCAG AA ✓ Pass

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

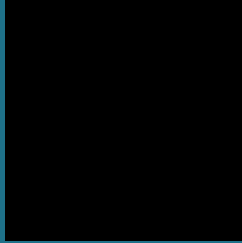
Any Text WCAG AA × Fail

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 1E7189 Background



This preview shows how black text looks on a background with the Hex color 1E7189.

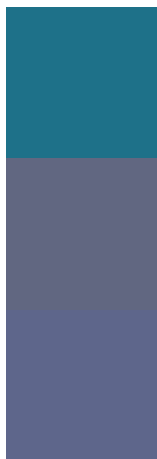


This preview shows how white text looks on a background with the Hex color 1E7189.

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
1E7189

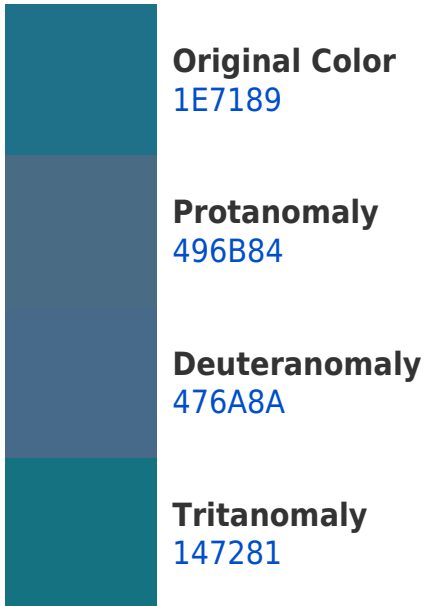
Protanopia
616781

Deuteranopia
5E668B

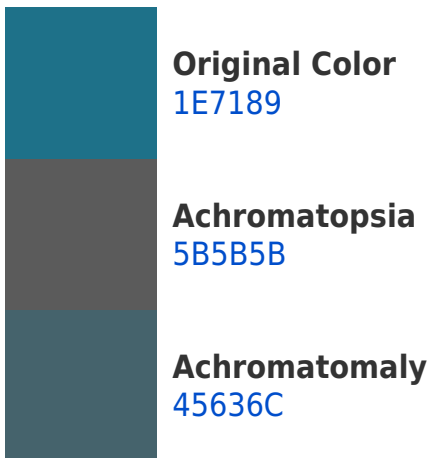


Tritanopia
0F737D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 1E7189 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 #1E7189 looks like.

```
.text, #text, p{  
    color:#1E7189  
}
```

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 #1E7189 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1E7189
}
```

Border

The CSS property to change the border of an element to Hex 1E7189 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
#1E7189 }
```

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

```
.border{ border-color:#1E7189 }
```

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

Here you see how a box with a 4 pixel #1E7189 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1E7189; -webkit-box-shadow:4px 4px  
4px 4px #1E7189; box-shadow:4px 4px 4px  
4px #1E7189 }
```

Background

The CSS property to change the background color of an element to Hex 1E7189 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1E7189 }
```

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

```
.background{ background-color:#1E7189 }
```

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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