

Converting Colors

Hex(1E6790)

Have a look what the booklet for
Hex(1E6790) contains.

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Color

Hex(1E6790)

Conversions

Conversions Part 1

Format	Color
Hex	1E6790
RGB	30, 103, 144
RGB Percent	12%, 40%, 56%
CMY	0.8824, 0.5961, 0.4353
CMYK	0.79, 0.28, 0.00, 0.44
HSL	202°, 66%, 34%
HSV	202°, 79%, 56%
XYZ	10.4197, 11.9901, 28.1507
YIQ	85.8470, -56.6690, -2.7250

Conversions

Conversions Part 2

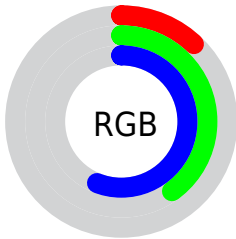
Format	Color
RYB	30, 75, 144
Decimal	1992592
CIELab	41.20, -7.25, -28.79
CIElCh	41, 29.689, 255.858
Yxy	11.9901, 0.2061, 0.2371
Android (android.graphics.Color)	4280182672 (0xFF1E6790)
YUV	85.8470, 28.6694, -48.9778
Hunter-Lab	34.6268, -6.8835, -23.9626

Details

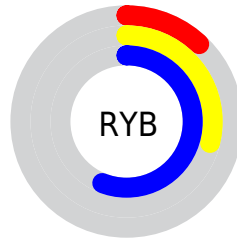
The Hex color **1E6790** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **90471E**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **5D9AC6**, and **00385D** is the 20% darker color. If you saturate the color by 10%, you get **106290**, and if you desaturate by 10%, it is **2C6C90**.

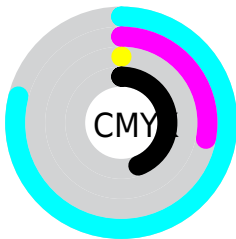
Distribution



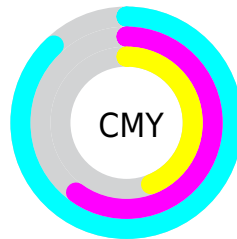
- Red (12%)
- Green (40%)
- Blue (56%)



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



- Cyan (79%)
- Magenta (28%)
- Yellow (0%)
- Black (44%)



- Cyan (88%)
- Magenta (60%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1E6790 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 1E6790 by changing the saturation by 10% instead.

■ 1E6790

■ 1E6790

FFFFFF

■ 004F76

■ 5D9AC6

■ 00385D

■ 79B5E2

■ 002345

■ 95D0FF

■ 000C2F

■ B2ECFF

■ 00011A

■ CFFFFF

■ 000000

■ ECFFFF

■ 1E6790

■ 1E6790

■ 106290

■ 2C6C90

015D90

3B7190

005C90

497790

587C90

668190

748690

838B90

919090

A09690

Harmonies

Analogous

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



006C83



1E6790



515F90

Triad

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



1E6790



904E55



486A3E

Complementary

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



1E6790



90471E

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.



646431



1E6790



8A533F

Square

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



1E6790



894F6E



7A5C32



256D54

Rectangle

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



1E6790



6A5989



7A5C32



526839

Sweetspot

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



1E6790



8DAABA



1E9046



43555E



DEDEDE



5E5E5E

Same Dimension

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



1E6790



097BBA



1E2F90



404547



005787



000508

Inverse Universe

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



901E67



BA097B



907F1E



474045



870057



080005

Previews

White Background



This preview shows how the Hex color 1E6790 looks on a white background.

Color Contrast Check

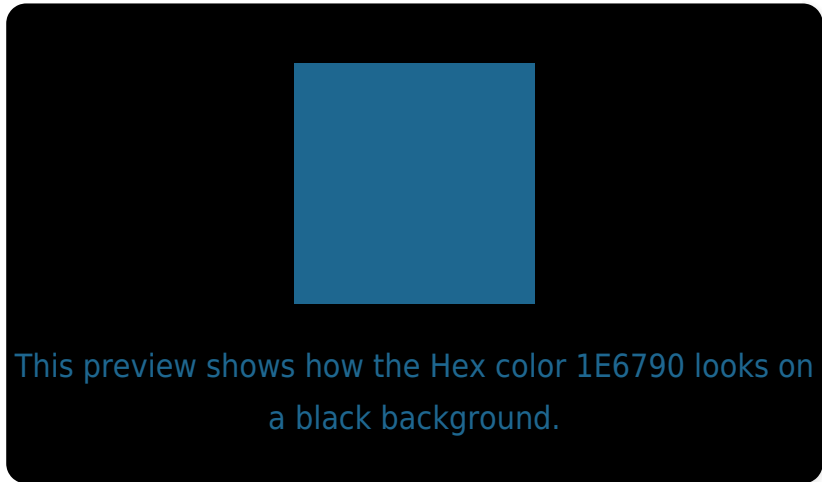
Large Text (above 18pt) WCAG AA ✓ Pass

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

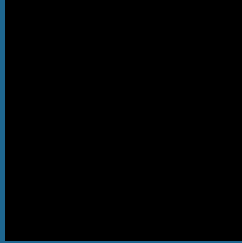
Any Text WCAG AA × Fail

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 1E6790 Background



This preview shows how black text looks on a background with the Hex color 1E6790.



This preview shows how white text looks on a background with the Hex color 1E6790.

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
1E6790

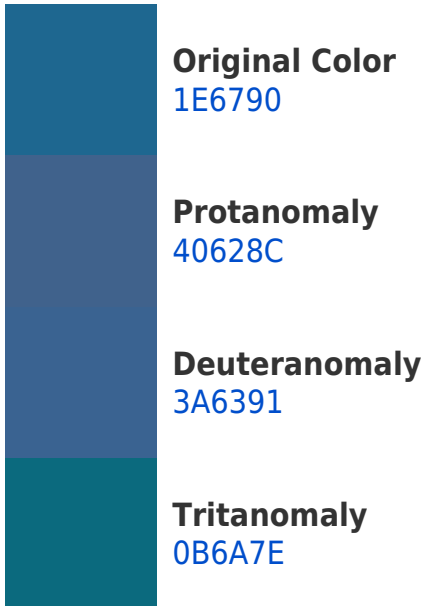
Protanopia
535F8A

Deuteranopia
4A6092

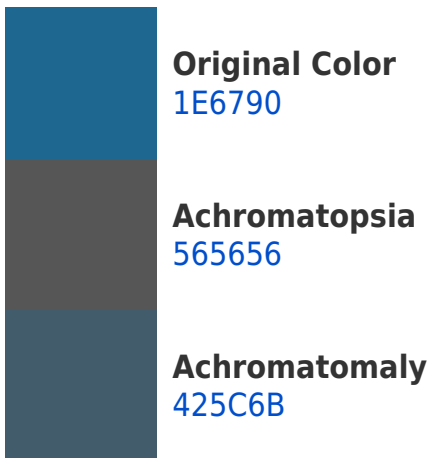


Tritanopia
006C74

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 1E6790 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 #1E6790 looks like.

```
.text, #text, p{  
    color:#1E6790  
}
```

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 #1E6790 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1E6790  
}
```

Border

The CSS property to change the border of an element to Hex 1E6790 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  
#1E6790 }
```

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

```
.border{ border-color:#1E6790 }
```

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

Here you see how a box with a 4 pixel #1E6790 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1E6790; -webkit-box-shadow:4px 4px  
4px 4px #1E6790; box-shadow:4px 4px 4px  
4px #1E6790 }
```

Background

The CSS property to change the background color of an element to Hex 1E6790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1E6790 }
```

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

```
.background{ background-color:#1E6790 }
```

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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