

Converting Colors

Hex(1E7495)

Have a look what the booklet for
Hex(1E7495) contains.

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Color

Hex(1E7495)

Conversions

Conversions Part 1

Format	Color
Hex	1E7495
RGB	30, 116, 149
RGB Percent	12%, 45%, 58%
CMY	0.8824, 0.5451, 0.4157
CMYK	0.80, 0.22, 0.00, 0.42
HSL	197°, 66%, 35%
HSV	197°, 80%, 58%
XYZ	12.2056, 14.9367, 30.6735
YIQ	94.0480, -61.8490, -7.9690

Conversions

Conversions Part 2

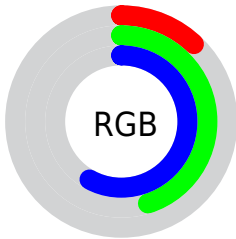
Format	Color
R_{YB}	30, 80, 149
Decimal	1995925
CIE _{Lab}	45.55, -13.03, -24.99
CIE _{LCh}	46, 28.187, 242.459
Yxy	14.9367, 0.2111, 0.2583
Android (android.graphics.Color)	4280186005 (0xFF1E7495)
YUV	94.0480, 27.0913, -56.1701
Hunter-Lab	38.6481, -11.2612, -20.0026

Details

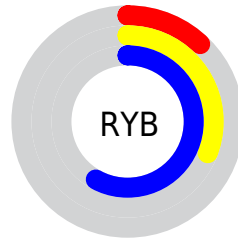
The Hex color **1E7495** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **953F1E**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **5FA8CB**, and **004462** is the 20% darker color. If you saturate the color by 10%, you get **0F7095**, and if you desaturate by 10%, it is **2D7895**.

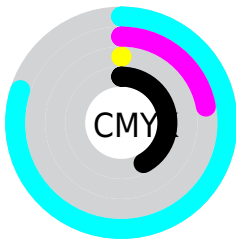
Distribution



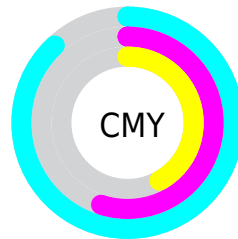
- Red (12%)
- Green (45%)
- Blue (58%)



- Red (12%)
- Yellow (31%)
- Blue (58%)



- Cyan (80%)
- Magenta (22%)
- Yellow (0%)
- Black (42%)



- Cyan (88%)
- Magenta (55%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1E7495 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 1E7495 by changing the saturation by 10% instead.

■ 1E7495

■ 1E7495

FFFFFF

■ 005B7B

■ 5FA8CB

■ 004462

■ 7BC3E7

■ 002E4A

■ 98DFFF

■ 001A33

■ B4FCFF

■ 00021E

■ D2FFFF

■ 000000

■ EFFFFFF

■ 1E7495

■ 1E7495

■ 0F7095

■ 2D7895

006C95

3C7C95

4B8095

5A8595

698995

778D95

869195

959595

A49995

Harmonies

Analogous

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



007884



1E7495



4C6D9B

Triad

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



1E7495



98596B



617243

Complementary

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



1E7495



953F1E

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.



796B3C



1E7495



985C54

Square

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



1E7495



8B5D82



8D6343



447655

Rectangle

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



1E7495



666897



8D6343



69703F

Sweetspot

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



1E7495



93B5C2



1E953E



455961



E0E0E0



616161

Same Dimension

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



1E7495



088EC2



1E3A95



43484A



00648A



00070A

Inverse Universe

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



951E74



C2088E



95791E



4A4348



8A0064



0A0007

Previews

White Background



This preview shows how the Hex color 1E7495 looks on a white background.

Color Contrast Check

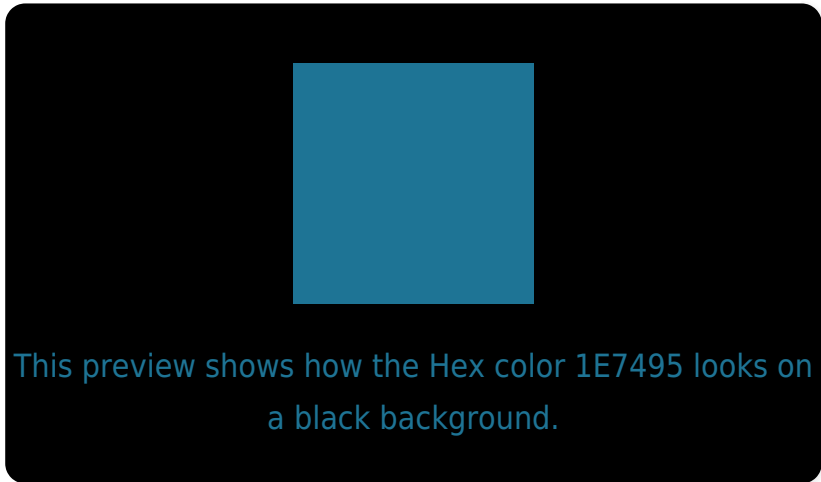
Large Text (above 18pt) WCAG AA ✓ Pass

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

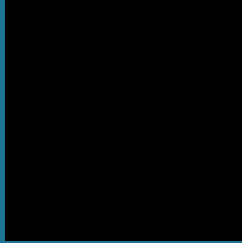
Any Text WCAG AA × Fail

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 1E7495 Background



This preview shows how black text looks on a background with the Hex color 1E7495.

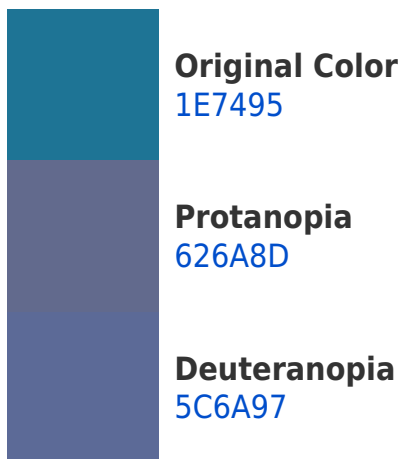


This preview shows how white text looks on a background with the Hex color 1E7495.

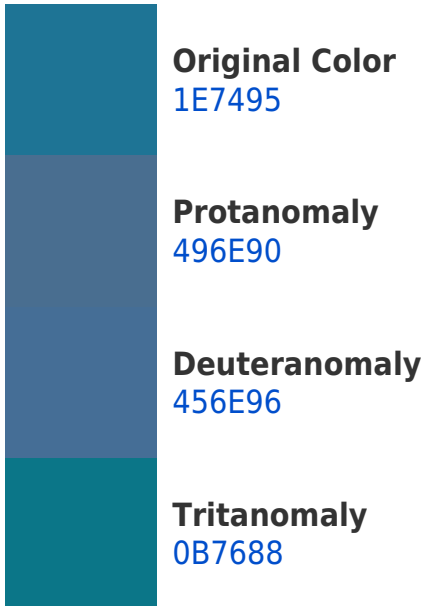
Color Blindness Simulation

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](#).

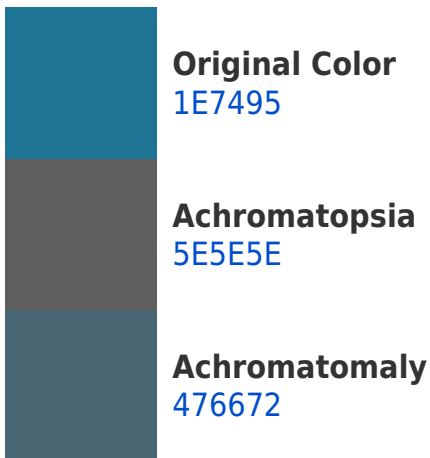
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 1E7495 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 #1E7495 looks like.

```
.text, #text, p{  
    color:#1E7495  
}
```

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 #1E7495 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1E7495
}
```

Border

The CSS property to change the border of an element to Hex 1E7495 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
#1E7495 }
```

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

```
.border{ border-color:#1E7495 }
```

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

Here you see how a box with a 4 pixel #1E7495 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1E7495; -webkit-box-shadow:4px 4px  
4px 4px #1E7495; box-shadow:4px 4px 4px  
4px #1E7495 }
```

Background

The CSS property to change the background color of an element to Hex 1E7495 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1E7495 }
```

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

```
.background{ background-color:#1E7495 }
```

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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