

# Converting Colors

Hex(1E7499)

Have a look what the booklet for  
Hex(1E7499) contains.

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# Color

**Hex(1E7499)**

# Conversions

## Conversions Part 1

Format	Color
Hex	1E7499
RGB	30, 116, 153
RGB Percent	12%, 45%, 60%
CMY	0.8824, 0.5451, 0.4000
CMYK	0.80, 0.24, 0.00, 0.40
HSL	198°, 67%, 36%
HSV	198°, 80%, 60%
XYZ	12.5306, 15.0667, 32.3847
YIQ	94.5040, -63.1330, -6.7250

# Conversions

## Conversions Part 2

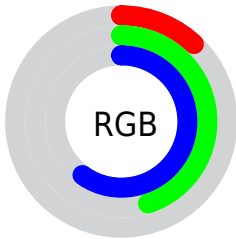
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	30, 81, 153
Decimal	1995929
CIE <sub>Lab</sub>	45.73, -11.58, -27.08
CIE <sub>LCh</sub>	46, 29.452, 246.844
Yxy	15.0667, 0.2089, 0.2512
Android (android.graphics.Color)	4280186009 (0xFF1E7499)
YUV	94.5040, 28.8385, -56.5700
Hunter-Lab	38.8159, -10.3042, -22.2955

# Details

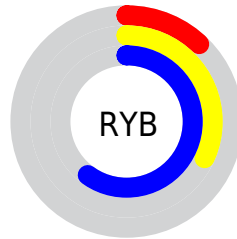
The Hex color **1E7499** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **99431E**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **5FA8D0**, and **004466** is the 20% darker color. If you saturate the color by 10%, you get **0F6F99**, and if you desaturate by 10%, it is **2D7999**.

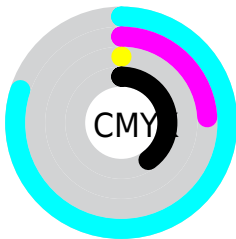
# Distribution



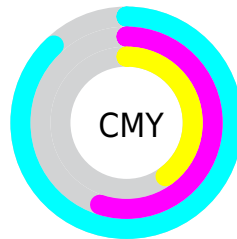
- Red (12%)
- Green (45%)
- Blue (60%)



- Red (12%)
- Yellow (32%)
- Blue (60%)



- Cyan (80%)
- Magenta (24%)
- Yellow (0%)
- Black (40%)



- Cyan (88%)
- Magenta (55%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1E7499 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 1E7499 by changing the saturation by 10% instead.



■ 1E7499

■ 1E7499

FFFFFF

■ 005B7F

■ 5FA8D0

■ 004466

■ 7CC3EC

■ 002E4E

■ 99DFFF

■ 001A37

■ B6FCFF

■ 000221

■ D3FFFF

■ 000006

■ F0FFFF

■ 000000

■ 1E7499

■ 1E7499

■ 0F6F99

■ 2D7999

006B99

3D7D99

4C8299

5B8699

6A8B99

7A9099

899499

989999

A89D99

# Harmonies

## Analogous

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



007889



1E7499



516D9D

# Triad

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



1E7499



9B5967



5C7344

# Complementary

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



1E7499



99431E

# 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.



776D3B



1E7499



995C50

# Square

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



1E7499



905C80



8C643F



3D7858

# Rectangle

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



1E7499



6B6798



8C643F



65713F



# Sweetspot

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



1E7499



97B9C7



1E9943



475B63



E3E3E3



636363



# Same Dimension

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



1E7499



088DC7



1E3799



454A4D



00628C



00090D



# Inverse Universe

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



991E74



C7088D



99801E



4D454A



8C0062



0D0009



# Previews

## White Background



This preview shows how the Hex color 1E7499 looks on a white background.

## Color Contrast Check

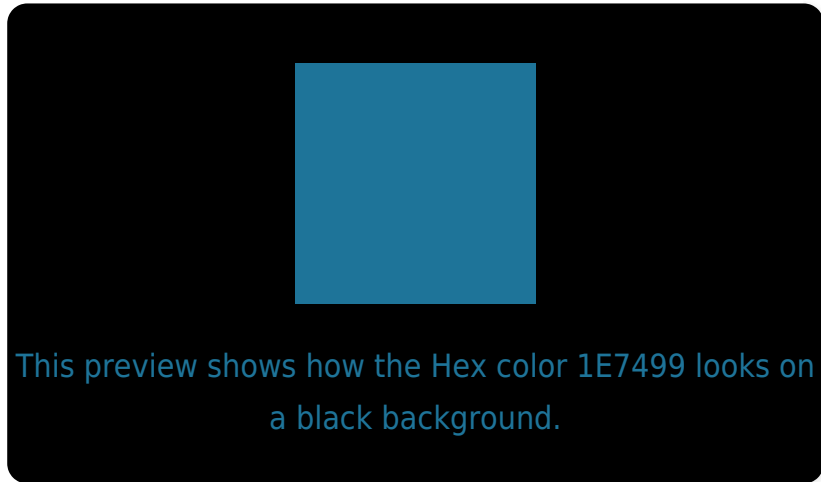
Large Text (above 18pt) WCAG AA ✓ Pass

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

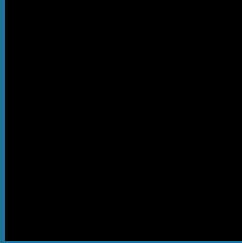
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 1E7499 Background



This preview shows how black text looks on a background with the Hex color 1E7499.

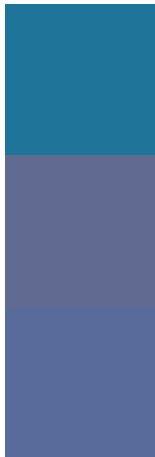


This preview shows how white text looks on a background with the Hex color 1E7499.

# 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



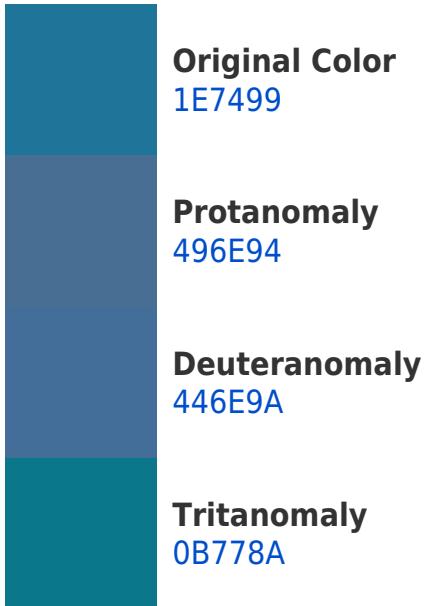
**Original Color**  
1E7499

**Protanopia**  
616A91

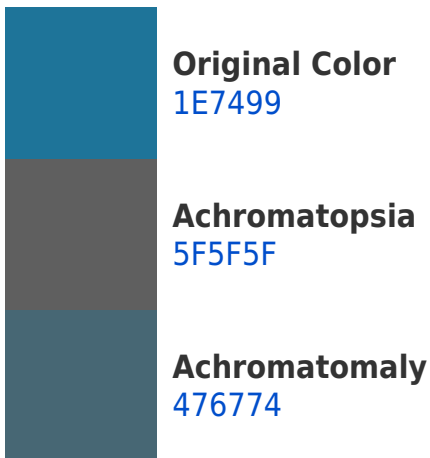
**Deuteranopia**  
596B9B



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1E7499 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 #1E7499 looks like.

```
.text, #text, p{  
    color:#1E7499  
}
```

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 #1E7499 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1E7499
}
```

## Border

The CSS property to change the border of an element to Hex 1E7499 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
#1E7499 }
```

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

```
.border{ border-color:#1E7499 }
```

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

Here you see how a box with a 4 pixel #1E7499 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1E7499; -webkit-box-shadow:4px 4px  
4px 4px #1E7499; box-shadow:4px 4px 4px  
4px #1E7499 }
```

# Background

The CSS property to change the background color of an element to Hex 1E7499 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1E7499 }
```

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

```
.background{ background-color:#1E7499 }
```

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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