

Converting Colors

Hex(1E75B0)

Have a look what the booklet for
Hex(1E75B0) contains.

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Color

Hex(1E75B0)

Conversions

Conversions Part 1

Format	Color
Hex	1E75B0
RGB	30, 117, 176
RGB Percent	12%, 46%, 69%
CMY	0.8824, 0.5412, 0.3098
CMYK	0.83, 0.34, 0.00, 0.31
HSL	204°, 71%, 40%
HSV	204°, 83%, 69%
XYZ	14.7332, 16.1332, 43.4118
YIQ	97.7130, -70.7910, -0.0950

Conversions

Conversions Part 2

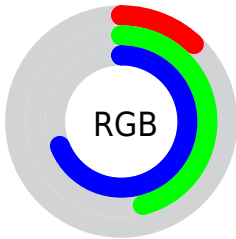
Format	Color
R_{YB}	30, 85, 176
Decimal	1996208
CIE _{Lab}	47.15, -3.60, -38.32
CIE _{LCh}	47, 38.493, 264.629
Yxy	16.1332, 0.1984, 0.2172
Android (android.graphics.Color)	4280186288 (0xFF1E75B0)
YUV	97.7130, 38.5955, -59.3843
Hunter-Lab	40.1661, -4.8159, -35.9647

Details

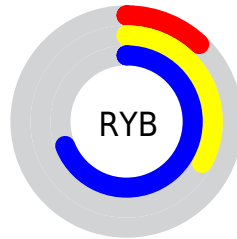
The Hex color **1E75B0** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **B0591E**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **64A9E8**, and **00457B** is the 20% darker color. If you saturate the color by 10%, you get **0C6EB0**, and if you desaturate by 10%, it is **307CB0**.

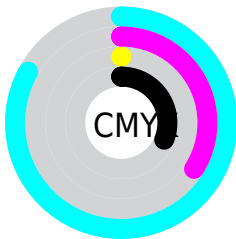
Distribution



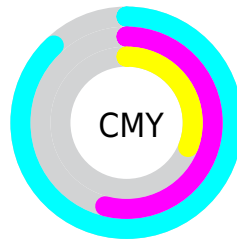
- Red (12%)
- Green (46%)
- Blue (69%)



- Red (12%)
- Yellow (33%)
- Blue (69%)



- Cyan (83%)
- Magenta (34%)
- Yellow (0%)
- Black (31%)



- Cyan (88%)
- Magenta (54%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1E75B0 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 1E75B0 by changing the saturation by 10% instead.

■ 1E75B0

■ 1E75B0

FFFFFF

■ 005D95

■ 64A9E8

■ 00457B

■ 82C4FF

■ 002F62

■ 9FE0FF

■ 001B4A

■ BDFCFF

■ 000433

■ DAFFFF

■ 00021D

■ F8FFFF

■ 000000

■ 1E75B0

■ 1E75B0

■ 0C6EB0

■ 307CB0

0069B0

4183B0

538AB0

6491B0

7699B0

88A0B0

99A7B0

ABAEB0

BCB5B0

Harmonies

Analogous

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



007CA4



1E75B0



696AAB

Triad

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



1E75B0



AC5657



407D49

Complementary

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



1E75B0



B0591E

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.



687632



1E75B0



A0603C

Square

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



1E75B0



A85577



886C2D



008069

Rectangle

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



1E75B0



87619E



886C2D



4F7B40

Sweetspot

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



1E75B0



ACCEE6



1EB058



506573



F2F2F2



737373

Same Dimension

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



1E75B0



0089E6



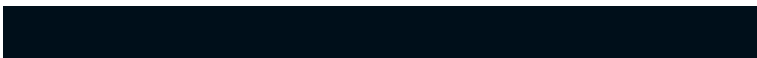
1E2DB0



505659



005B99



000F1A

Inverse Universe

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



B01E75



E60089



B0A11E



595056



99005B



1A000F

Previews

White Background



This preview shows how the Hex color 1E75B0 looks on a white background.

Color Contrast Check

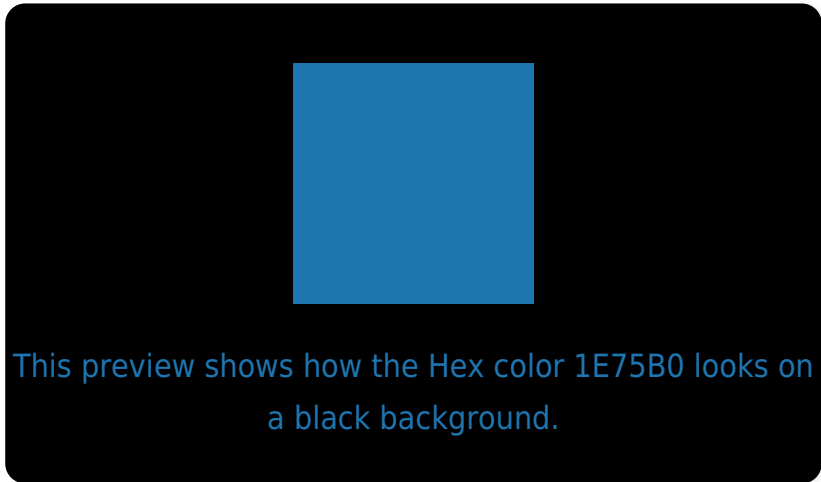
Large Text (above 18pt) WCAG AA ✓ Pass

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 1E75B0 Background



This preview shows how black text looks on a background with the Hex color 1E75B0.

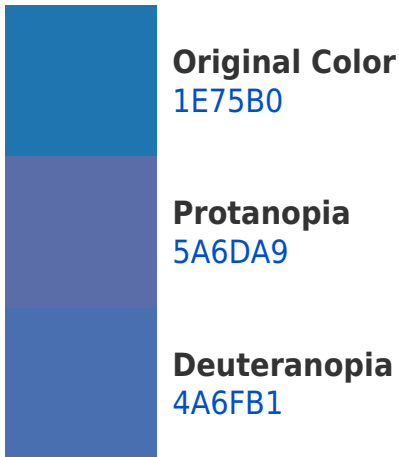


This preview shows how white text looks on a background with the Hex color 1E75B0.

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](#).

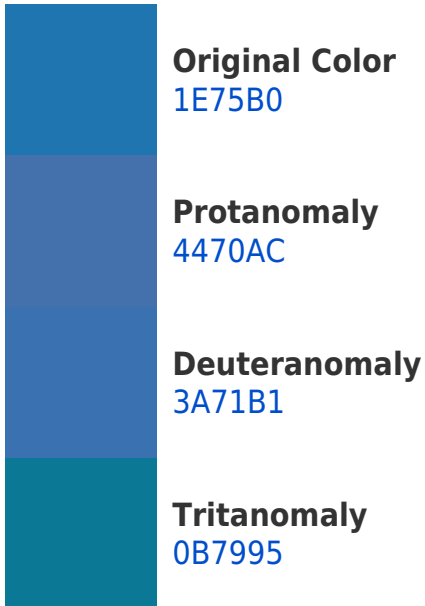
Dichromacy





Tritanopia
007C85

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 1E75B0 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 #1E75B0 looks like.

```
.text, #text, p{  
    color:#1E75B0  
}
```

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 #1E75B0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1E75B0
}
```

Border

The CSS property to change the border of an element to Hex 1E75B0 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
#1E75B0 }
```

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

```
.border{ border-color:#1E75B0 }
```

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

Here you see how a box with a 4 pixel #1E75B0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1E75B0; -webkit-box-shadow:4px 4px  
4px 4px #1E75B0; box-shadow:4px 4px 4px  
4px #1E75B0 }
```

Background

The CSS property to change the background color of an element to Hex 1E75B0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1E75B0 }
```

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

```
.background{ background-color:#1E75B0 }
```

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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