

# Converting Colors

Hex(1E74B0)

Have a look what the booklet for  
Hex(1E74B0) contains.

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# Color

Hex(1E74B0)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	1E74B0
RGB	30, 116, 176
RGB Percent	12%, 45%, 69%
CMY	0.8824, 0.5451, 0.3098
CMYK	0.83, 0.34, 0.00, 0.31
HSL	205°, 71%, 40%
HSV	205°, 83%, 69%
XYZ	14.6173, 15.9014, 43.3732
YIQ	97.1260, -70.5160, 0.4280

# Conversions

## Conversions Part 2

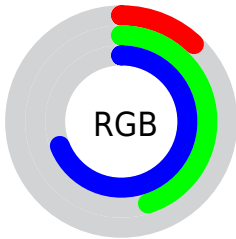
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	30, 84, 176
Decimal	1995952
CIE <sub>Lab</sub>	46.84, -3.00, -38.80
CIE <sub>LCh</sub>	47, 38.920, 265.580
Yxy	15.9014, 0.1978, 0.2152
Android (android.graphics.Color)	4280186032 (0xFF1E74B0)
YUV	97.1260, 38.8849, -58.8695
Hunter-Lab	39.8765, -4.3524, -36.5753

# Details

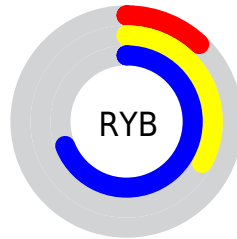
The Hex color **1E74B0** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **B05A1E**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **64A8E8**, and **00447B** is the 20% darker color. If you saturate the color by 10%, you get **0C6DB0**, and if you desaturate by 10%, it is **307BB0**.

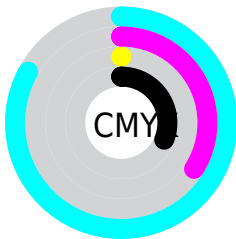
# Distribution



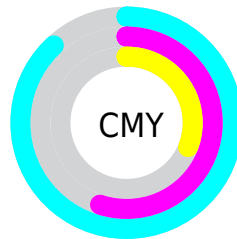
- Red (12%)
- Green (45%)
- Blue (69%)



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



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



- Cyan (88%)
- Magenta (55%)
- Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1E74B0 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 1E74B0 by changing the saturation by 10% instead.



■ 1E74B0

■ 1E74B0

FFFFFF

■ 005C95

■ 64A8E8

■ 00447B

■ 82C3FF

■ 002F62

■ 9FDFFF

■ 001B4A

■ BCFBFF

■ 000433

■ DAFFFF

■ 00021D

■ F8FFFF

■ 000000

■ 1E74B0

■ 1E74B0

■ 0C6DB0

■ 307BB0

0068B0

4182B0

538AB0

6491B0

7698B0

889FB0

99A7B0

ABAEB0

BCB5B0

# Harmonies

## Analogous

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



007CA4



1E74B0



6968AA

# Triad

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



1E74B0



AB5555



3D7C49

# Complementary

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



1E74B0



B05A1E

# 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.



667631



1E74B0



9F5F3A

# Square

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



1E74B0



A85375



866C2B



007F69

# Rectangle

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



1E74B0



87609D



866C2B



4D7A3F



# Sweetspot

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



1E74B0



ACCEE6



1EB058



506573



F2F2F2



737373



# Same Dimension

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



1E74B0



0087E6



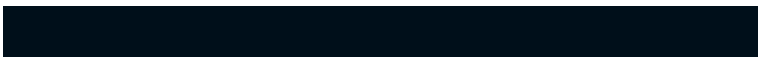
1E2DB0



505659



005A99



000F1A



# Inverse Universe

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



B01E74



E60087



B0A11E



595056



99005A



1A000F



# Previews

## White Background



This preview shows how the Hex color 1E74B0 looks on a white background.

## Color Contrast Check

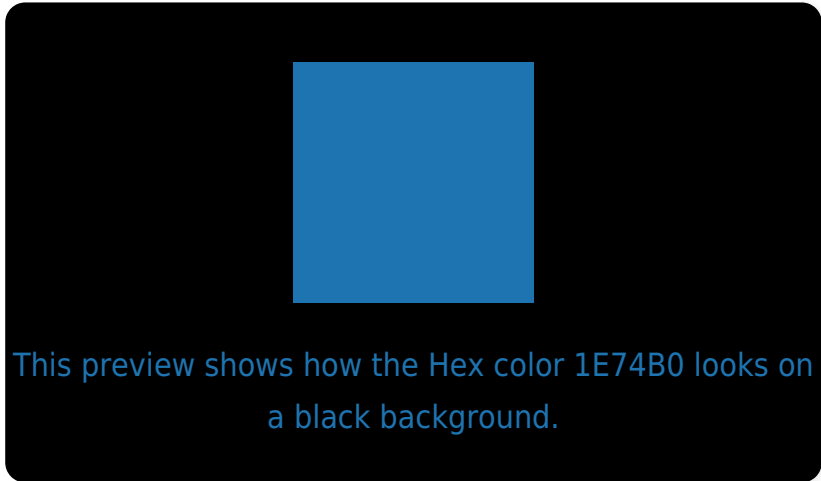
Large Text (above 18pt) WCAG AA ✓ Pass

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

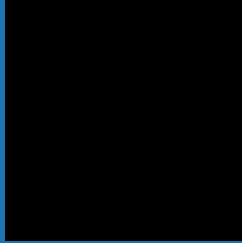
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 1E74B0 Background



This preview shows how black text looks on a background with the Hex color 1E74B0.

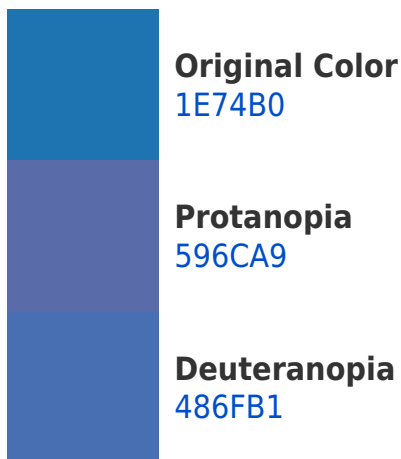


This preview shows how white text looks on a background with the Hex color 1E74B0.

# 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](#).

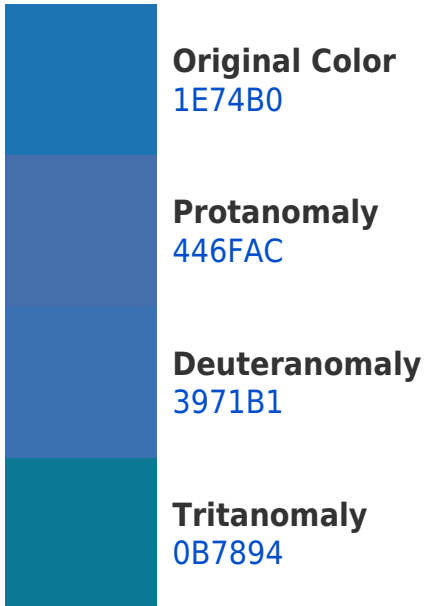
## Dichromacy



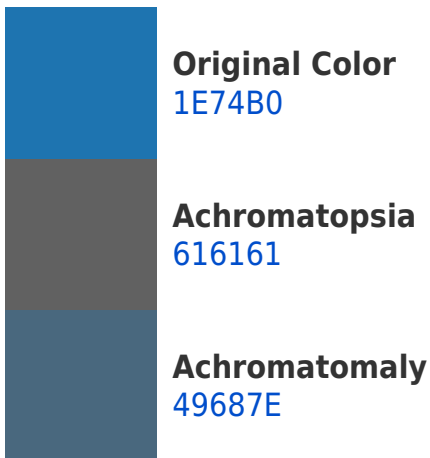


**Tritanopia**  
007B84

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1E74B0 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 #1E74B0 looks like.

```
.text, #text, p{  
    color:#1E74B0  
}
```

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 #1E74B0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1E74B0
}
```

## Border

The CSS property to change the border of an element to Hex 1E74B0 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
#1E74B0 }
```

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

```
.border{ border-color:#1E74B0 }
```

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

Here you see how a box with a 4 pixel #1E74B0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1E74B0; -webkit-box-shadow:4px 4px  
4px 4px #1E74B0; box-shadow:4px 4px 4px  
4px #1E74B0 }
```

# Background

The CSS property to change the background color of an element to Hex 1E74B0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1E74B0 }
```

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

```
.background{ background-color:#1E74B0 }
```

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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