

# Converting Colors

Hex(1E61BB)

Have a look what the booklet for  
Hex(1E61BB) contains.

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# Color

**Hex(1E61BB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	1E61BB
RGB	30, 97, 187
RGB Percent	12%, 38%, 73%
CMY	0.8824, 0.6196, 0.2667
CMYK	0.84, 0.48, 0.00, 0.27
HSL	214°, 72%, 43%
HSV	214°, 84%, 73%
XYZ	13.7798, 12.4133, 48.6834
YIQ	87.2270, -68.8220, 13.7860

# Conversions

## Conversions Part 2

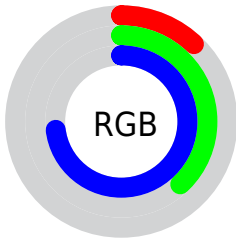
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	30, 77, 187
Decimal	1991099
CIE <sub>Lab</sub>	41.87, 13.25, -53.17
CIE <sub>LCh</sub>	42, 54.791, 283.990
Yxy	12.4133, 0.1840, 0.1658
Android (android.graphics.Color)	4280181179 (0xFF1E61BB)
<b>YUV</b>	87.2270, 49.1881, -50.1881
Hunter-Lab	35.2325, 8.1563, -57.2629

# Details

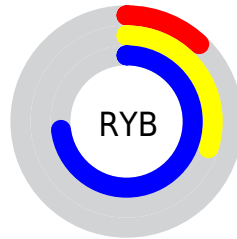
The Hex color **1E61BB** is a dark color, and the websafe version is hex **0066CC**. A complement of this color would be **BB781E**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **6793F4**, and **003485** is the 20% darker color. If you saturate the color by 10%, you get **0B56BB**, and if you desaturate by 10%, it is **316CBB**.

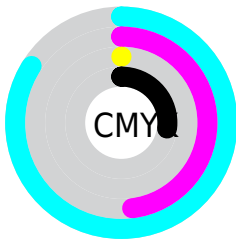
# Distribution



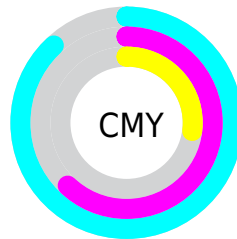
- Red (12%)
- Green (38%)
- Blue (73%)



- Red (12%)
- Yellow (30%)
- Blue (73%)



- Cyan (84%)
- Magenta (48%)
- Yellow (0%)
- Black (27%)



- Cyan (88%)
- Magenta (62%)
- Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1E61BB 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 1E61BB by changing the saturation by 10% instead.



■ 1E61BB

■ 1E61BB

FFFFFF

■ 004AA0

■ 6793F4

■ 003485

■ 85ADFF

■ 00206B

■ A3C9FF

■ 000752

■ C1E5FF

■ 00063A

■ DFFFFF

■ 000224

FDFFFF

■ 00000B

■ 000000

■ 1E61BB

■ 1E61BB

0B56BB

316CBB

0050BB

4376BB

5681BB

698CBB

7B97BB

8EA1BB

A1ACBB

B4B7BB

C6C1BB

# Harmonies

## Analogous

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



006FBA



1E61BB



7F4CA4

# Triad

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



1E61BB



A74325



007648

# Complementary

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



1E61BB



BB781E

# 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.



2E711A



1E61BB



8B5800

# Square

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



1E61BB



B23250



646700



007777

# Rectangle

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



1E61BB



9D3D8B



646700



007439



# Sweetspot

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



1E61BB



B6D0F2



1EBB77



56657A



FAFAFA



7A7A7A



# Same Dimension

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



1E61BB



0067F2



281EBB



55595E



00439E



000D1F



# Inverse Universe

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



BB1E61



F20067



B1BB1E



5E5559



9E0043



1F000D



# Previews

## White Background



This preview shows how the Hex color 1E61BB looks on a white background.

## Color Contrast Check

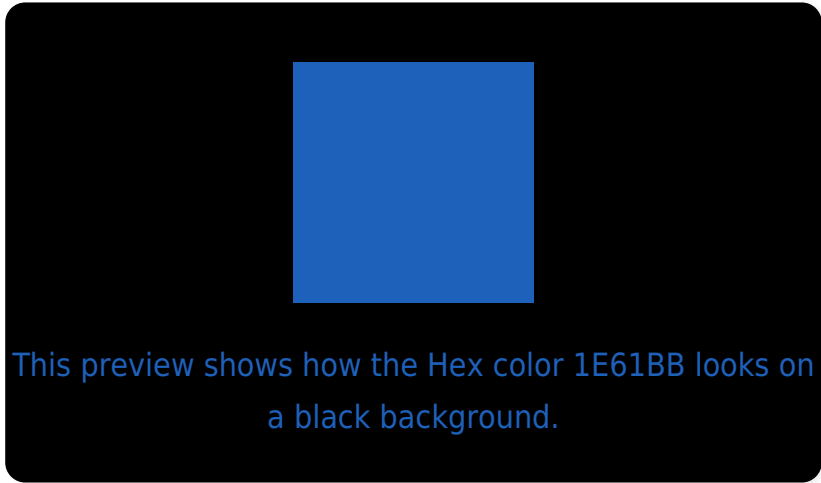
Large Text (above 18pt) WCAG AA ✓ Pass

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

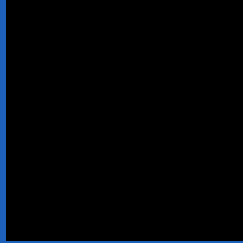
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 1E61BB Background



This preview shows how black text looks on a background with the Hex color 1E61BB.



This preview shows how white text looks on a background with the Hex color 1E61BB.

# 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](#).

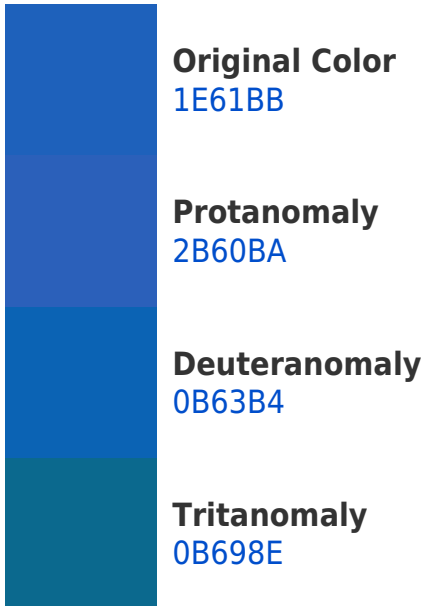
## Dichromacy



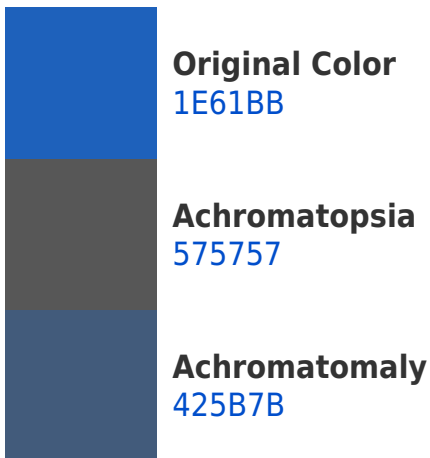


**Tritanopia**  
006D75

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1E61BB 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 #1E61BB looks like.

```
.text, #text, p{  
    color:#1E61BB  
}
```

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 #1E61BB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1E61BB  
}
```

## Border

The CSS property to change the border of an element to Hex 1E61BB 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  
#1E61BB }
```

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

```
.border{ border-color:#1E61BB }
```

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

Here you see how a box with a 4 pixel #1E61BB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1E61BB; -webkit-box-shadow:4px 4px  
4px 4px #1E61BB; box-shadow:4px 4px 4px  
4px #1E61BB }
```

# Background

The CSS property to change the background color of an element to Hex 1E61BB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1E61BB }
```

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

```
.background{ background-color:#1E61BB }
```

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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