

Converting Colors

Hex(1E60BD)

Have a look what the booklet for
Hex(1E60BD) contains.

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Color

Hex(1E60BD)

Conversions

Conversions Part 1

Format	Color
Hex	1E60BD
RGB	30, 96, 189
RGB Percent	12%, 38%, 74%
CMY	0.8824, 0.6235, 0.2588
CMYK	0.84, 0.49, 0.00, 0.26
HSL	215°, 73%, 43%
HSV	215°, 84%, 74%
XYZ	13.9036, 12.3159, 49.7885
YIQ	86.8680, -69.1890, 14.9310

Conversions

Conversions Part 2

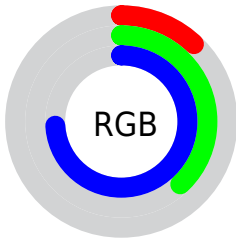
Format	Color
R_{YB}	30, 77, 189
Decimal	1990845
CIE _{Lab}	41.71, 14.68, -54.58
CIE _{LCh}	42, 56.517, 285.060
Yxy	12.3159, 0.1829, 0.1620
Android (android.graphics.Color)	4280180925 (0xFF1E60BD)
YUV	86.8680, 50.3511, -49.8732
Hunter-Lab	35.0940, 9.3039, -59.5501

Details

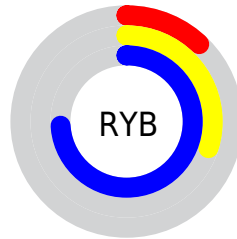
The Hex color **1E60BD** is a dark color, and the websafe version is hex **0066CC**. A complement of this color would be **BD7B1E**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **6792F6**, and **003387** is the 20% darker color. If you saturate the color by 10%, you get **0B55BD**, and if you desaturate by 10%, it is **316BBD**.

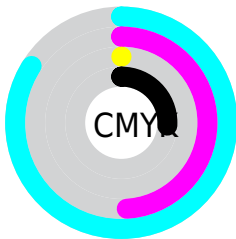
Distribution



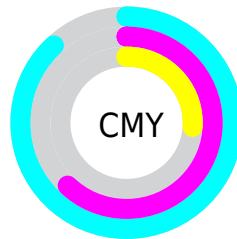
- Red (12%)
- Green (38%)
- Blue (74%)



- Red (12%)
- Yellow (30%)
- Blue (74%)



- Cyan (84%)
- Magenta (49%)
- Yellow (0%)
- Black (26%)



- Cyan (88%)
- Magenta (62%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1E60BD 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 1E60BD by changing the saturation by 10% instead.

■ 1E60BD

■ 1E60BD

FFFFFF

■ 0049A2

■ 6792F6

■ 003387

■ 86ACFF

■ 001F6D

■ A3C7FF

■ 000654

■ C1E3FF

■ 00063C

■ DFFFFF

■ 000225

FEFFFF

■ 00010E

■ 000000

■ 1E60BD

■ 1E60BD

■ 0B55BD

■ 316BBD

■ 004EBD

■ 4476BD

■ 5781BD

■ 6A8CBD

■ 7D97BD

■ 8FA2BD

■ A2ADBD

■ B5B8BD

■ C8C3BD

Harmonies

Analogous

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



006EBD



1E60BD



814AA5

Triad

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



1E60BD



A84221



007649

Complementary

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



1E60BD



BD7B1E

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.



277118



1E60BD



8A5800

Square

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



1E60BD



B42F4D



616800



007779

Rectangle

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



1E60BD



9F3A8B



616800



007539

Sweetspot

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



1E60BD



B8D1F5



1EBD7B



56657A



FAFAFA



7A7A7A

Same Dimension

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



1E60BD



0066F5



2B1EBD



55595E



00429E



000D1F

Inverse Universe

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



BD1E60



F50066



B0BD1E



5E5559



9E0042



1F000D

Previews

White Background



This preview shows how the Hex color 1E60BD looks on a white background.

Color Contrast Check

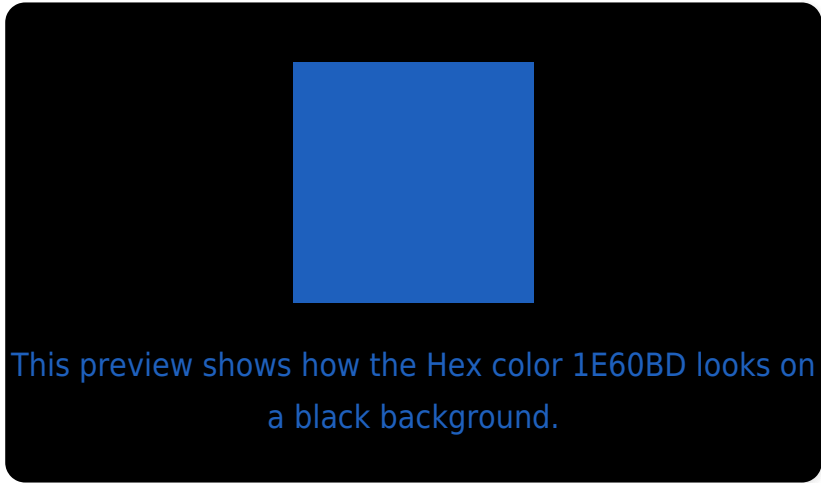
Large Text (above 18pt) WCAG AA ✓ Pass

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

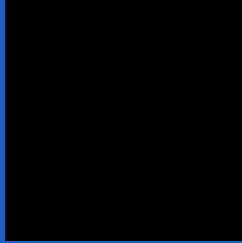
Any Text WCAG AA × Fail

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 1E60BD Background



This preview shows how black text looks on a background with the Hex color 1E60BD.

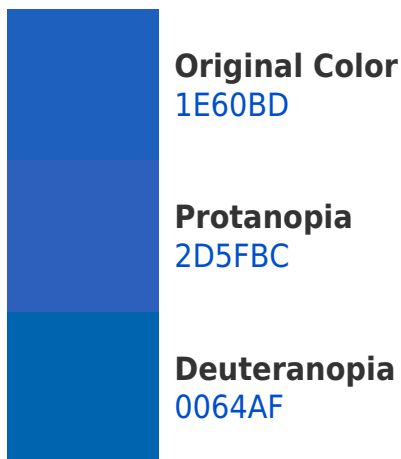


This preview shows how white text looks on a background with the Hex color 1E60BD.

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



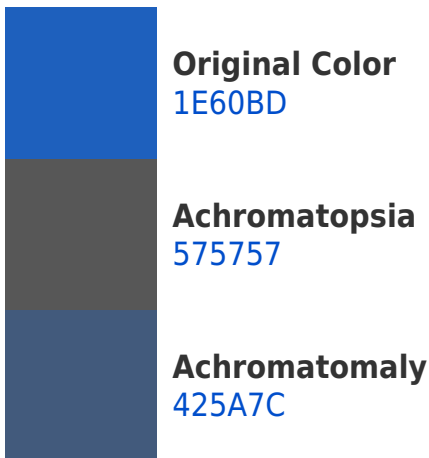


Tritanopia
006D74

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 1E60BD 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 #1E60BD looks like.

```
.text, #text, p{  
    color:#1E60BD  
}
```

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 #1E60BD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1E60BD
}
```

Border

The CSS property to change the border of an element to Hex 1E60BD 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
#1E60BD }
```

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

```
.border{ border-color:#1E60BD }
```

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

Here you see how a box with a 4 pixel #1E60BD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1E60BD; -webkit-box-shadow:4px 4px  
4px 4px #1E60BD; box-shadow:4px 4px 4px  
4px #1E60BD }
```

Background

The CSS property to change the background color of an element to Hex 1E60BD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1E60BD }
```

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

```
.background{ background-color:#1E60BD }
```

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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