

Converting Colors

Hex(1E83CC)

Have a look what the booklet for
Hex(1E83CC) contains.

| | |
|--|----|
| Hex(1E83CC) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 11 |
| <i>Previews</i> | 23 |
| <i>Color Blindness Simulation</i> | 26 |
| <i>CSS Examples</i> | 29 |

Color

Hex(1E83CC)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 1E83CC |
| RGB | 30, 131, 204 |
| RGB Percent | 12%, 51%, 80% |
| CMY | 0.8824, 0.4863, 0.2000 |
| CMYK | 0.85, 0.36, 0.00, 0.20 |
| HSL | 205°, 74%, 46% |
| HSV | 205°, 85%, 80% |
| XYZ | 19.5508, 20.8683, 60.1243 |
| YIQ | 109.1230, -83.6290, 1.2910 |

Conversions

Conversions Part 2

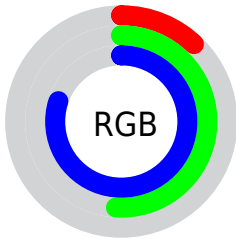
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 30, 94, 204 |
| Decimal | 1999820 |
| CIELab | 52.81, -1.42, -45.45 |
| CIELCh | 53, 45.475, 268.209 |
| Yxy | 20.8683, 0.1945, 0.2076 |
| Android (android.graphics.Color) | 4280189900 (0xFF1E83CC) |
| YUV | 109.1230, 46.7744, -69.3909 |
| Hunter-Lab | 45.6818, -3.5490, -46.0575 |

Details

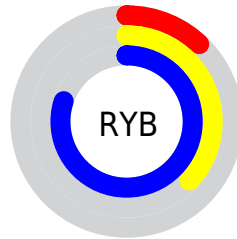
The Hex color **1E83CC** is a dark color, and the websafe version is hex **006699**. The color can be described as dark washed azure. A complement of this color would be **CC671E**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **6BB8FF**, and **005295** is the 20% darker color. If you saturate the color by 10%, you get **0A7ACC**, and if you desaturate by 10%, it is **328CCC**.

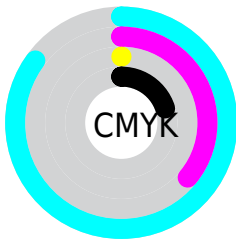
Distribution



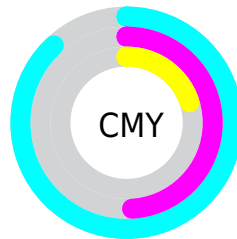
- Red (12%)
- Green (51%)
- Blue (80%)



- Red (12%)
- Yellow (37%)
- Blue (80%)



- Cyan (85%)
- Magenta (36%)
- Yellow (0%)
- Black (20%)




- Cyan (88%)
- Magenta (49%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1E83CC 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 1E83CC by changing the saturation by 10% instead.

 1E83CC

 1E83CC

FFFFFF

 006AB0

 6BB8FF

 005295

 8AD3FF

 003C7B

 A8EFFF

 002762

 C6FFFF

 001249

 E5FFFF

 000432

 00021C

 000000

 1E83CC

 1E83CC

■ 0A7ACC

■ 328CCC

■ 0076CC

■ 4794CC

■ 5B9DCC

■ 70A5CC

■ 84AECC

■ 98B6CC

■ ADBFCC

■ C1C7CC

■ D6D0CC

Harmonies

Analogous

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



008CC0



1E83CC



7C75C3

Triad

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



1E83CC



C55F5B



3B8E53

Complementary

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



1E83CC



CC671E

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.



6F8735



1E83CC



B46D3C

Square

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



1E83CC



C35C82



967B2C



00917A

Rectangle

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



1E83CC



9F6AB2



967B2C



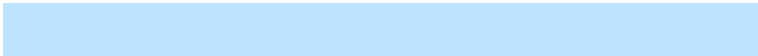
4F8C48

Sweetspot

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



1E83CC



BDE3FF



1ECC67



586F80



000000



808080

Same Dimension

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



1E83CC



0094FF



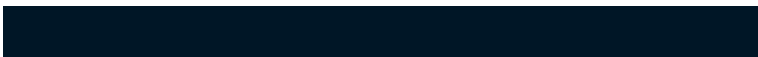
1E2CCC



5C6266



0060A6



001626

Inverse Universe

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



CC1E83



FF0094



CCBE1E



665C62



A60060



260016

Previews

White Background



This preview shows how the Hex color 1E83CC looks on a white background.

Color Contrast Check

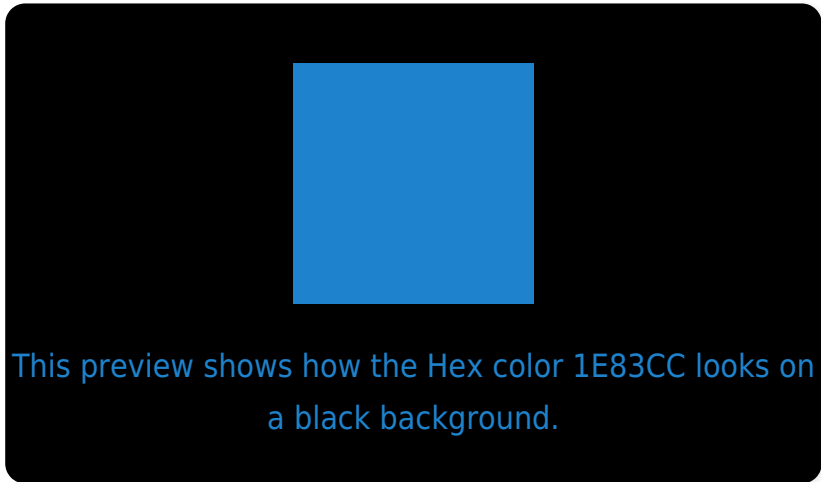
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black 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

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

Hex 1E83CC Background



This preview shows how black text looks on a background with the Hex color 1E83CC.

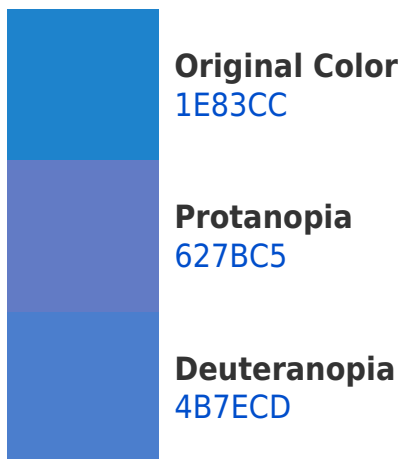


This preview shows how white text looks on a background with the Hex color 1E83CC.

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](#).

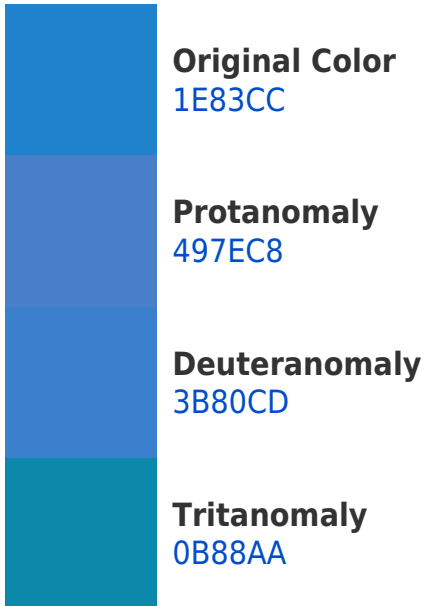
Dichromacy



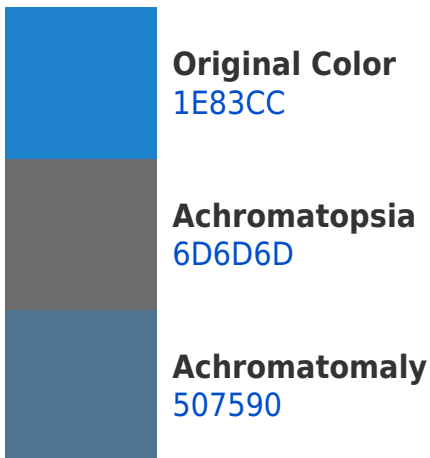


Tritanopia
008B96

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 1E83CC 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 #1E83CC looks like.

```
.text, #text, p{  
    color:#1E83CC  
}
```

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 #1E83CC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1E83CC
}
```

Border

The CSS property to change the border of an element to Hex 1E83CC 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
#1E83CC }
```

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

```
.border{ border-color:#1E83CC }
```

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

Here you see how a box with a 4 pixel #1E83CC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1E83CC; -webkit-box-shadow:4px 4px  
4px 4px #1E83CC; box-shadow:4px 4px 4px  
4px #1E83CC }
```

Background

The CSS property to change the background color of an element to Hex 1E83CC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1E83CC }
```

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

```
.background{ background-color:#1E83CC }
```

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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