

Converting Colors

Hex(196EBE)

Have a look what the booklet for
Hex(196EBE) contains.

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Color

Hex(196EBE)

Conversions

Conversions Part 1

Format	Color
Hex	196EBE
RGB	25, 110, 190
RGB Percent	10%, 43%, 75%
CMY	0.9020, 0.5686, 0.2549
CMYK	0.87, 0.42, 0.00, 0.25
HSL	209°, 77%, 42%
HSV	209°, 87%, 75%
XYZ	15.2711, 15.0762, 50.8203
YIQ	93.7050, -76.3400, 6.8600

Conversions

Conversions Part 2

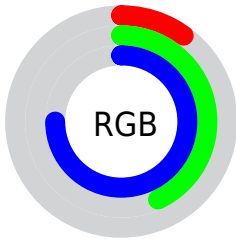
Format	Color
R_{YB}	25, 81, 190
Decimal	1666750
CIE _{Lab}	45.74, 5.71, -48.69
CIE _{LCh}	46, 49.027, 276.683
Yxy	15.0762, 0.1881, 0.1857
Android (android.graphics.Color)	4279856830 (0xFF196EBE)
YUV	93.7050, 47.4734, -60.2543
Hunter-Lab	38.8281, 2.2548, -50.4222

Details

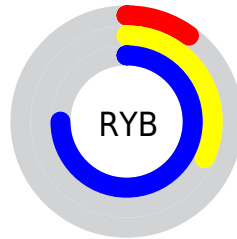
The Hex color **196EBE** is a dark color, and the websafe version is hex **0066CC**. A complement of this color would be **BE6919**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **65A1F7**, and **003F88** is the 20% darker color. If you saturate the color by 10%, you get **0665BE**, and if you desaturate by 10%, it is **2C77BE**.

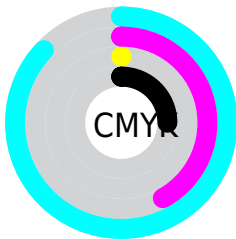
Distribution



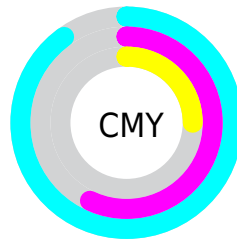
- Red (10%)
- Green (43%)
- Blue (75%)



- Red (10%)
- Yellow (32%)
- Blue (75%)



- Cyan (87%)
- Magenta (42%)
- Yellow (0%)
- Black (25%)



- Cyan (90%)
- Magenta (57%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color 196EBE 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 196EBE by changing the saturation by 10% instead.

■ 196EBE

■ 196EBE

FFFFFF

■ 0056A3

■ 65A1F7

■ 003F88

■ 84BCFF

■ 002A6E

■ A2D8FF

■ 001755

■ BFF4FF

■ 00063D

■ DEFFF

■ 000327

■ FCFFF

■ 000110

■ 000000

■ 196EBE

■ 196EBE

0665BE

2C77BE

0062BE

3F80BE

528ABE

6593BE

789CBE

8BA5BE

9EAEBE

B1B8BE

C4C1BE

Harmonies

Analogous

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



0079B7



196EBE



7A5DAE

Triad

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



196EBE



B14E3D



007E4A

Complementary

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



196EBE



BE6919

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.



4D7825



196EBE



9B5E1D

Square

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



196EBE



B64565



796D0E



008075

Rectangle

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



196EBE



99519A



796D0E



217C3D

Sweetspot

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



196EBE



B7D8F7



19BE69



566A7D



FCFCFC



7D7D7D

Same Dimension

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



196EBE



007FF7



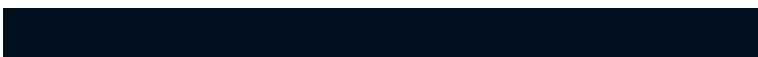
191CBE



555A5E



00519E



00101F

Inverse Universe

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



BE196E



F7007F



BEBB19



5E555A



9E0051



1F0010

Previews

White Background



This preview shows how the Hex color 196EBE looks on a white background.

Color Contrast Check

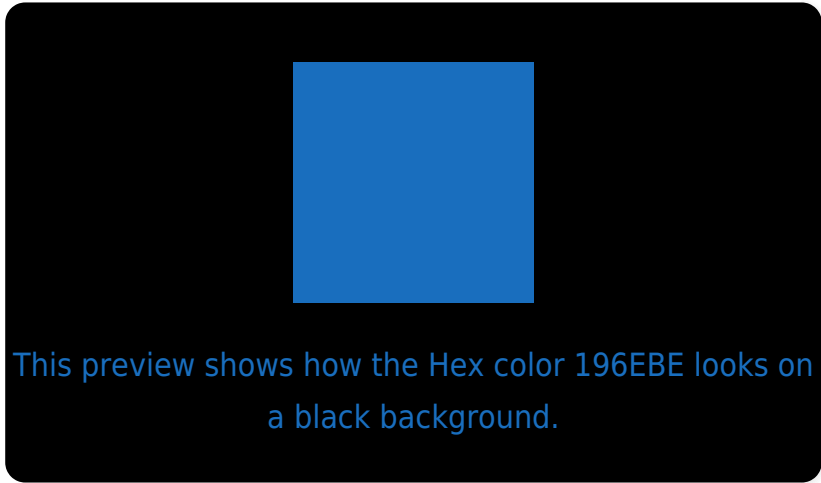
Large Text (above 18pt) WCAG AA ✓ Pass

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

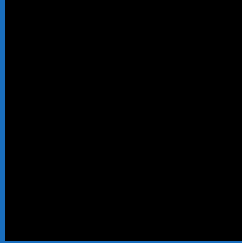
Any Text WCAG AA × Fail

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 196EBE Background



This preview shows how black text looks on a background with the Hex color 196EBE.



This preview shows how white text looks on a background with the Hex color 196EBE.

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

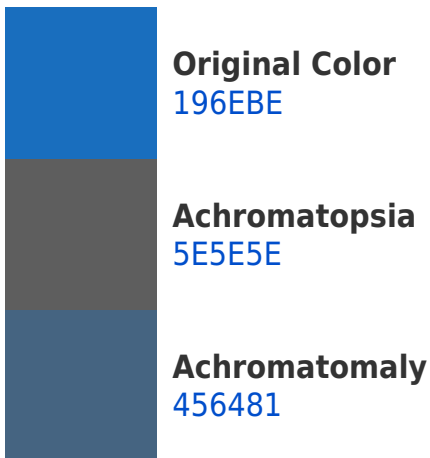




Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 196EBE 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 #196EBE looks like.

```
.text, #text, p{  
    color:#196EBE  
}
```

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 #196EBE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #196EBE
}
```

Border

The CSS property to change the border of an element to Hex 196EBE is called "border". The border property can be set on classes, ids or directly on the HTML element.

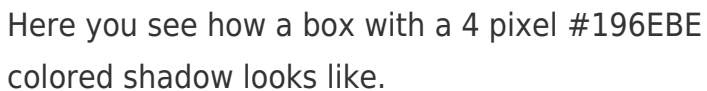
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#196EBE }
```

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

```
.border{ border-color:#196EBE }
```

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



Here you see how a box with a 4 pixel #196EBE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #196EBE; -webkit-box-shadow:4px 4px  
4px 4px #196EBE; box-shadow:4px 4px 4px  
4px #196EBE }
```

Background

The CSS property to change the background color of an element to Hex 196EBE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#196EBE }
```

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

```
.background{ background-color:#196EBE }
```

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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