

Converting Colors

Hex(194EBC)

Have a look what the booklet for
Hex(194EBC) contains.

Hex(194EBC)	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(194EBC)

Conversions

Conversions Part 1

Format	Color
Hex	194EBC
RGB	25, 78, 188
RGB Percent	10%, 31%, 74%
CMY	0.9020, 0.6941, 0.2627
CMYK	0.87, 0.59, 0.00, 0.26
HSL	220°, 77%, 42%
HSV	220°, 87%, 74%
XYZ	12.2024, 9.2863, 48.7262
YIQ	74.6930, -66.8980, 22.9740

Conversions

Conversions Part 2

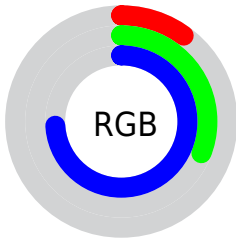
Format	Color
R_{YB}	25, 65, 188
Decimal	1658556
CIE _{Lab}	36.53, 25.81, -62.41
CIE _{LCh}	37, 67.538, 292.471
Yxy	9.2863, 0.1738, 0.1323
Android (android.graphics.Color)	4279848636 (0xFF194EBC)
YUV	74.6930, 55.8604, -43.5808
Hunter-Lab	30.4734, 18.1478, -73.4719

Details

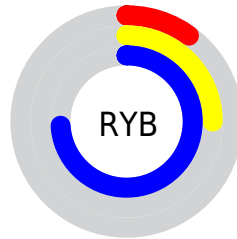
The Hex color **194EBC** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **BC8719**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **667EF5**, and **002386** is the 20% darker color. If you saturate the color by 10%, you get **0641BC**, and if you desaturate by 10%, it is **2C5BBC**.

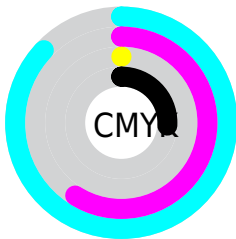
Distribution



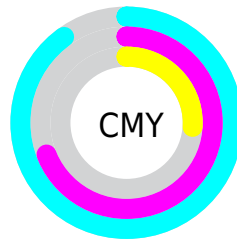
- Red (10%)
- Green (31%)
- Blue (74%)



- Red (10%)
- Yellow (25%)
- Blue (74%)



- Cyan (87%)
- Magenta (59%)
- Yellow (0%)
- Black (26%)



- Cyan (90%)
- Magenta (69%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Hex color 194EBC 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 194EBC by changing the saturation by 10% instead.

 194EBC

 194EBC

FFFFFF

 0038A0

 667EF5

 002386

 8598FF

 00116C

 A3B3FF

 000353

 C1CEFF

 00063A

 DFEAFF

 000224

FDFFFF

 00000B

 000000

 194EBC

 194EBC

■ 0641BC

■ 2C5BBC

■ 003DBC

■ 3F67BC

■ 5174BC

■ 6481BC

■ 778DBC

■ 8A9ABC

■ 9DA7BC

■ AFB3BC

■ C2C0BC

Harmonies

Analogous

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



0061C3



194EBC



872C99

Triad

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



194EBC



9B3300



006B46

Complementary

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



194EBC



BC8719

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.



006702



194EBC



754F00

Square

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



194EBC



B00031



435F00



006C7E

Rectangle

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



194EBC



A40278



435F00



006A33

Sweetspot

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



194EBC



B5CAF5



19BC86



54617A



FAFAFA



7A7A7A

Same Dimension

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



194EBC



0050F5



3419BC



55585E



00339E



000A1F

Inverse Universe

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



BC194E



F50050



A1BC19



5E5558



9E0033



1F000A

Previews

White Background



This preview shows how the Hex color 194EBC looks on a white background.

Color Contrast Check

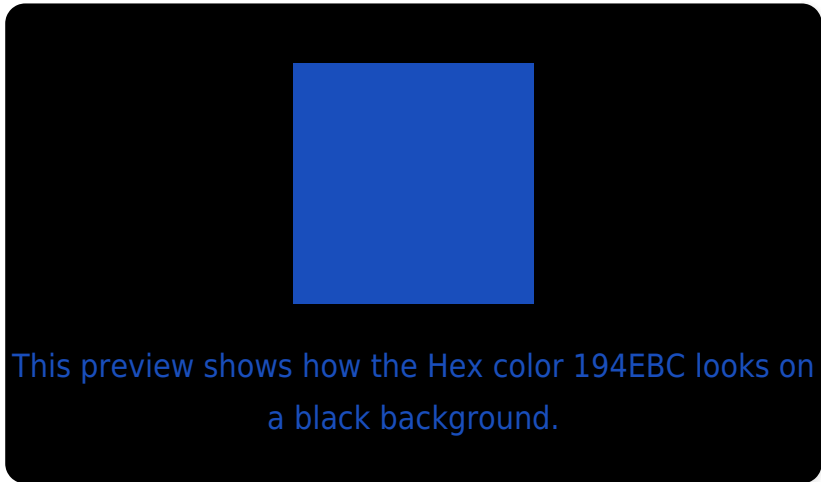
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

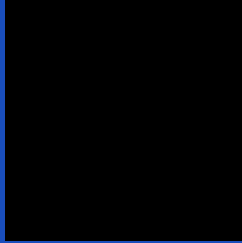
Any Text WCAG AA × Fail

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 194EBC Background



This preview shows how black text looks on a background with the Hex color 194EBC.



This preview shows how white text looks on a background with the Hex color 194EBC.

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



Original Color
194EBC

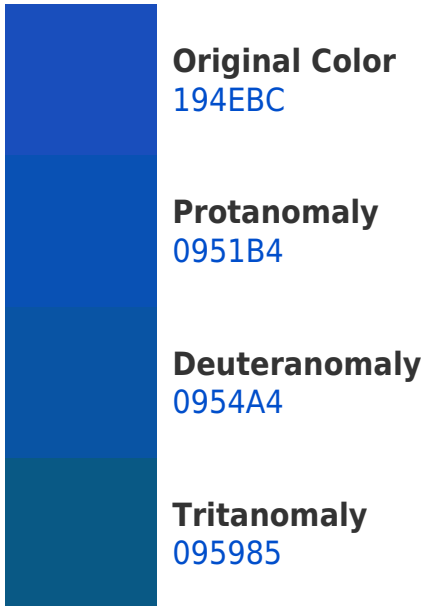
Protanopia
0052AF

Deuteranopia
005896



Tritanopia
005F65

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 194EBC 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 #194EBC looks like.

```
.text, #text, p{  
    color:#194EBC  
}
```

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 #194EBC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #194EBC
}
```

Border

The CSS property to change the border of an element to Hex 194EBC is called "border". The border property can be set on classes, ids or directly on the HTML element.

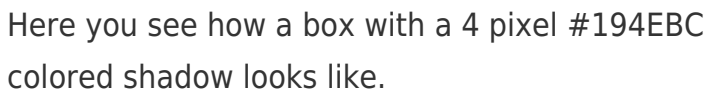
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#194EBC }
```

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

```
.border{ border-color:#194EBC }
```

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



Here you see how a box with a 4 pixel #194EBC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #194EBC; -webkit-box-shadow:4px 4px  
4px 4px #194EBC; box-shadow:4px 4px 4px  
4px #194EBC }
```

Background

The CSS property to change the background color of an element to Hex 194EBC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#194EBC }
```

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

```
.background{ background-color:#194EBC }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor