

Converting Colors

Hex(173CBB)

Have a look what the booklet for
Hex(173CBB) contains.

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Color

Hex(173CBB)

Conversions

Conversions Part 1

Format	Color
Hex	173CBB
RGB	23, 60, 187
RGB Percent	9%, 24%, 73%
CMY	0.9098, 0.7647, 0.2667
CMYK	0.88, 0.68, 0.00, 0.27
HSL	226°, 78%, 41%
HSV	226°, 88%, 73%
XYZ	10.9388, 7.0017, 47.7886
YIQ	63.4150, -62.8190, 31.6530

Conversions

Conversions Part 2

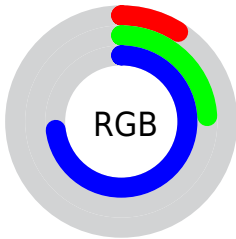
Format	Color
R_{YB}	23, 53, 187
Decimal	1522875
CIE _{Lab}	31.81, 37.13, -69.56
CIE _{LCh}	32, 78.848, 298.092
Yxy	7.0017, 0.1664, 0.1065
Android (android.graphics.Color)	4279712955 (0xFF173CBB)
YUV	63.4150, 60.9274, -35.4440
Hunter-Lab	26.4608, 27.4853, -88.5562

Details

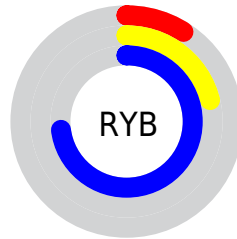
The Hex color **173CBB** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **BB9617**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **666BF4**, and **001384** is the 20% darker color. If you saturate the color by 10%, you get **042EBB**, and if you desaturate by 10%, it is **2A4ABB**.

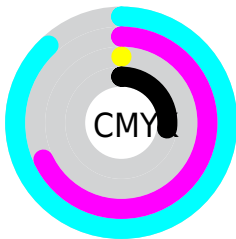
Distribution



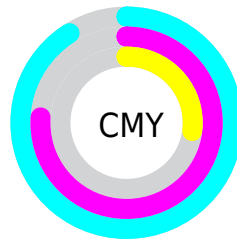
- Red (9%)
- Green (24%)
- Blue (73%)



- Red (9%)
- Yellow (21%)
- Blue (73%)



- Cyan (88%)
- Magenta (68%)
- Yellow (0%)
- Black (27%)



- Cyan (91%)
- Magenta (76%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color 173CBB 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 173CBB by changing the saturation by 10% instead.

 173CBB

 173CBB

FFFFFF

 00269F

 666BF4

 001384

 8585FF

 00006A

 A49FFF

 000951

 C2BAFF

 000539

 E0D6FF

 000223

 FFF2FF

 000009

 000000

 173CBB

 173CBB

■ 042EBB

■ 2A4ABB

■ 002ABB

■ 3C59BB

■ 4F67BB

■ 6276BB

■ 7584BB

■ 8793BB

■ 9AA1BB

■ ADB0BB

■ BFBEBB

Harmonies

Analogous

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



0056CA



173CBB



8C008E

Triad

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



173CBB



8D2600



006145

Complementary

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



173CBB



BB9617

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.



005E00



173CBB



604800

Square

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



173CBB



AA0016



1B5700



006285

Rectangle

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



173CBB



A70066



1B5700



00602F

Sweetspot

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



173CBB



B3C1F2



17BB95



545D7A



FAFAFA



7A7A7A

Same Dimension

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



173CBB



0037F2



4317BB



55575E



00249E



00071F

Inverse Universe

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



BB173C



F20037



8FBB17



5E5557



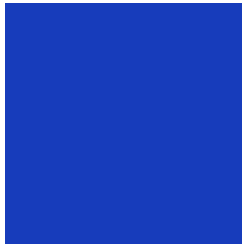
9E0024



1F0007

Previews

White Background



This preview shows how the Hex color 173CBB looks on a white background.

Color Contrast Check

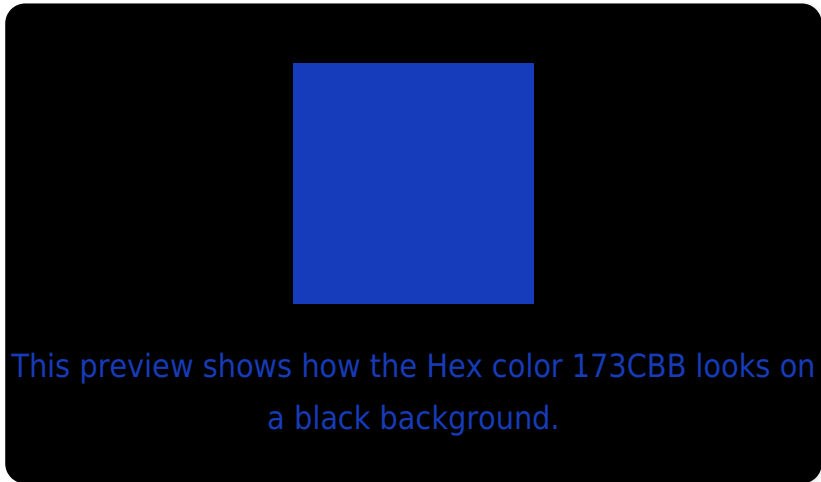
Large Text (above 18pt) WCAG AA ✓ Pass

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

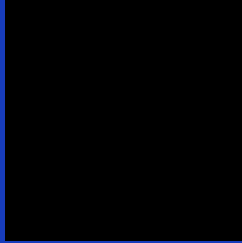
Any Text WCAG AA × Fail

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 173CBB Background



This preview shows how black text looks on a background with the Hex color 173CBB.

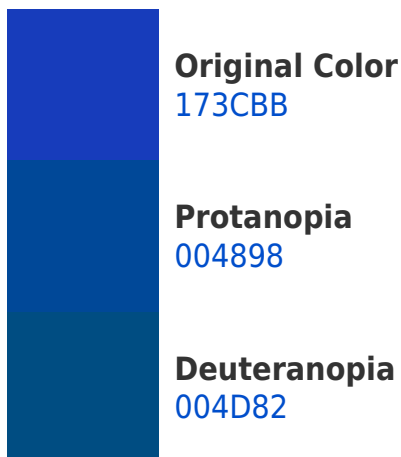


This preview shows how white text looks on a background with the Hex color 173CBB.

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



Original Color
173CBB

Protanomaly
0844A5

Deuteranomaly
084797

Tritanomaly
084B7C

Monochromacy



Original Color
173CBB

Achromatopsia
3F3F3F

Achromatomaly
303E6C

CSS Examples

Text

The CSS property to change the color of the text to Hex 173CBB 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 #173CBB looks like.

```
.text, #text, p{  
    color:#173CBB  
}
```

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 #173CBB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #173CBB
}
```

Border

The CSS property to change the border of an element to Hex 173CBB 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
#173CBB }
```

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

```
.border{ border-color:#173CBB }
```

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

Here you see how a box with a 4 pixel #173CBB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #173CBB; -webkit-box-shadow:4px 4px  
4px 4px #173CBB; box-shadow:4px 4px 4px  
4px #173CBB }
```

Background

The CSS property to change the background color of an element to Hex 173CBB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#173CBB }
```

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

```
.background{ background-color:#173CBB }
```

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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