

Converting Colors

Hex(186BB9)

Have a look what the booklet for
Hex(186BB9) contains.

Hex(186BB9)	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(186BB9)

Conversions

Conversions Part 1

Format	Color
Hex	186BB9
RGB	24, 107, 185
RGB Percent	9%, 42%, 73%
CMY	0.9059, 0.5804, 0.2745
CMYK	0.87, 0.42, 0.00, 0.27
HSL	209°, 77%, 41%
HSV	209°, 87%, 73%
XYZ	14.3913, 14.2124, 47.8837
YIQ	91.0750, -74.5060, 6.6620

Conversions

Conversions Part 2

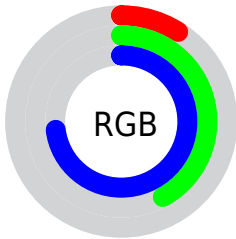
Format	Color
R_{YB}	24, 79, 185
Decimal	1600441
CIE Lab	44.54, 5.57, -47.72
CIE LCh	45, 48.043, 276.652
Yxy	14.2124, 0.1882, 0.1858
Android (android.graphics.Color)	4279790521 (0xFF186BB9)
YUV	91.0750, 46.3050, -58.8248
Hunter-Lab	37.6993, 2.1669, -48.9176

Details

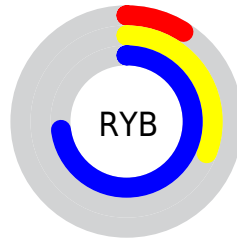
The Hex color **186BB9** is a dark color, and the websafe version is hex **0066CC**. A complement of this color would be **B96618**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **639EF2**, and **003D83** is the 20% darker color. If you saturate the color by 10%, you get **0562B9**, and if you desaturate by 10%, it is **2B74B9**.

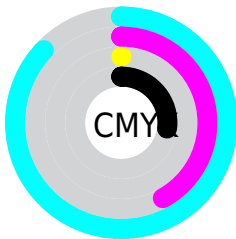
Distribution



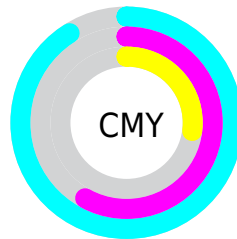
- Red (9%)
- Green (42%)
- Blue (73%)



- Red (9%)
- Yellow (31%)
- Blue (73%)



- Cyan (87%)
- Magenta (42%)
- Yellow (0%)
- Black (27%)



- Cyan (91%)
- Magenta (58%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color 186BB9 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 186BB9 by changing the saturation by 10% instead.

■ 186BB9

■ 186BB9

FFFFFF

■ 00539E

■ 639EF2

■ 003D83

■ 82B9FF

■ 00286A

■ A0D4FF

■ 001351

■ BDF0FF

■ 000539

■ DBFFFF

■ 000223

■ FAFFFF

■ 000009

■ 000000

■ 186BB9

■ 186BB9

■ 0562B9

■ 2B74B9

■ 005FB9

■ 3D7DB9

■ 4F86B9

■ 628FB9

■ 7598B9

■ 87A1B9

■ 9AAAB9

■ ACB3B9

■ BEBCB9

Harmonies

Analogous

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



0076B2



186BB9



765BAA

Triad

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



186BB9



AC4B3C



007A48

Complementary

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



186BB9



B96618

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.



4B7424



186BB9



975C1C

Square

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



186BB9



B14362



766A0E



007C71

Rectangle

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



186BB9



954F96



766A0E



20793B

Sweetspot

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



186BB9



B1D2F0



18B966



536678



F7F7F7



787878

Same Dimension

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



186BB9



007CF0



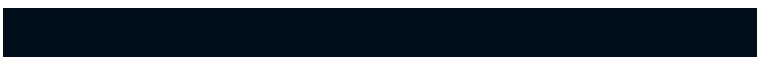
181BB9



53575C



00509C



000E1C

Inverse Universe

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



B9186B



F0007C



B9B618



5C5357



9C0050



1C000E

Previews

White Background



This preview shows how the Hex color 186BB9 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



This preview shows how the Hex color 186BB9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

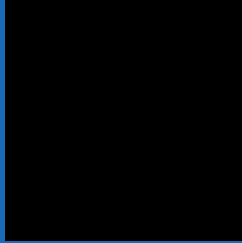
Any Text WCAG AA × Fail

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 186BB9 Background



This preview shows how black text looks on a background with the Hex color 186BB9.

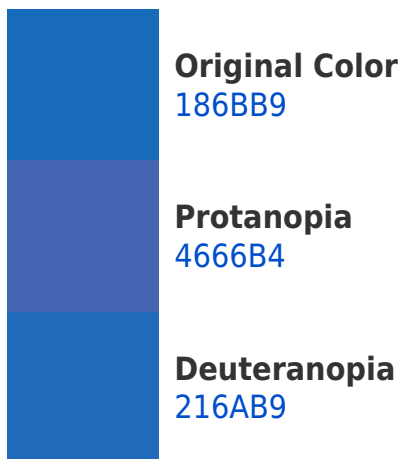


This preview shows how white text looks on a background with the Hex color 186BB9.

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



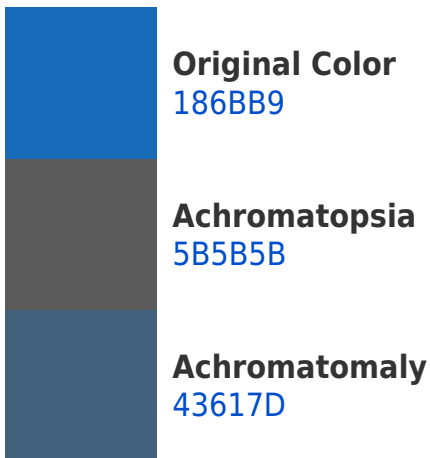


Tritanopia
00757D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 186BB9 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 #186BB9 looks like.

```
.text, #text, p{  
    color:#186BB9  
}
```

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 #186BB9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #186BB9
}
```

Border

The CSS property to change the border of an element to Hex 186BB9 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
#186BB9 }
```

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

```
.border{ border-color:#186BB9 }
```

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

Here you see how a box with a 4 pixel #186BB9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #186BB9; -webkit-box-shadow:4px 4px  
4px 4px #186BB9; box-shadow:4px 4px 4px  
4px #186BB9 }
```

Background

The CSS property to change the background color of an element to Hex 186BB9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#186BB9 }
```

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

```
.background{ background-color:#186BB9 }
```

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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