

Converting Colors

Hex(186FB8)

Have a look what the booklet for
Hex(186FB8) contains.

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Color

Hex(186FB8)

Conversions

Conversions Part 1

Format	Color
Hex	186FB8
RGB	24, 111, 184
RGB Percent	9%, 44%, 72%
CMY	0.9059, 0.5647, 0.2784
CMYK	0.87, 0.40, 0.00, 0.28
HSL	207°, 77%, 41%
HSV	207°, 87%, 72%
XYZ	14.7129, 15.0238, 47.4718
YIQ	93.3090, -75.2850, 4.2590

Conversions

Conversions Part 2

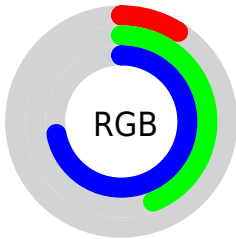
Format	Color
R_{YB}	24, 80, 184
Decimal	1601464
CIE _{Lab}	45.67, 2.66, -45.33
CIE _{LCh}	46, 45.411, 273.360
Yxy	15.0238, 0.1906, 0.1946
Android (android.graphics.Color)	4279791544 (0xFF186FB8)
YUV	93.3090, 44.7107, -60.7840
Hunter-Lab	38.7605, -0.0752, -45.4829

Details

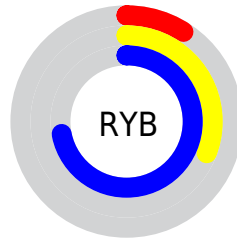
The Hex color **186FB8** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **B86118**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **63A2F1**, and **004082** is the 20% darker color. If you saturate the color by 10%, you get **0667B8**, and if you desaturate by 10%, it is **2A77B8**.

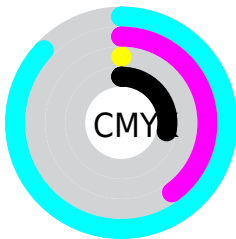
Distribution



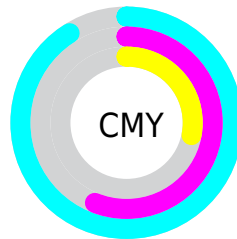
- Red (9%)
- Green (44%)
- Blue (72%)



- Red (9%)
- Yellow (31%)
- Blue (72%)



- Cyan (87%)
- Magenta (40%)
- Yellow (0%)
- Black (28%)



- Cyan (91%)
- Magenta (56%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color 186FB8 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 186FB8 by changing the saturation by 10% instead.

■ 186FB8

■ 186FB8

FFFFFF

■ 00579D

■ 63A2F1

■ 004082

■ 82BDFF

■ 002B69

■ 9FD9FF

■ 001750

■ BDF5FF

■ 000539

■ DBFFFF

■ 000222

■ F9FFFF

■ 000008

■ 000000

■ 186FB8

■ 186FB8

0667B8

2A77B8

0064B8

3D80B8

4F88B8

6291B8

7499B8

86A1B8

99AAB8

ABB2B8

BEBBB8

Harmonies

Analogous

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



0079B0



186FB8



7360AC

Triad

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



186FB8



AE4F45



157C48

Complementary

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



186FB8



B86118

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.



557628



186FB8



9B5E27

Square

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



186FB8



B04969



7C6C19



007E6F

Rectangle

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



186FB8



92559A



7C6C19



337A3D

Sweetspot

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



186FB8



B1D3F0



18B860



536778



F7F7F7



787878

Same Dimension

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



186FB8



0082F0



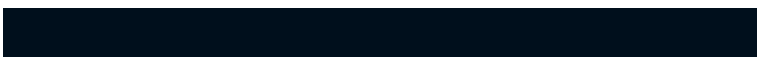
1820B8



53585C



00559C



000F1C

Inverse Universe

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



B8186F



F00082



B8B018



5C5358



9C0055



1C000F

Previews

White Background



This preview shows how the Hex color 186FB8 looks on a white background.

Color Contrast Check

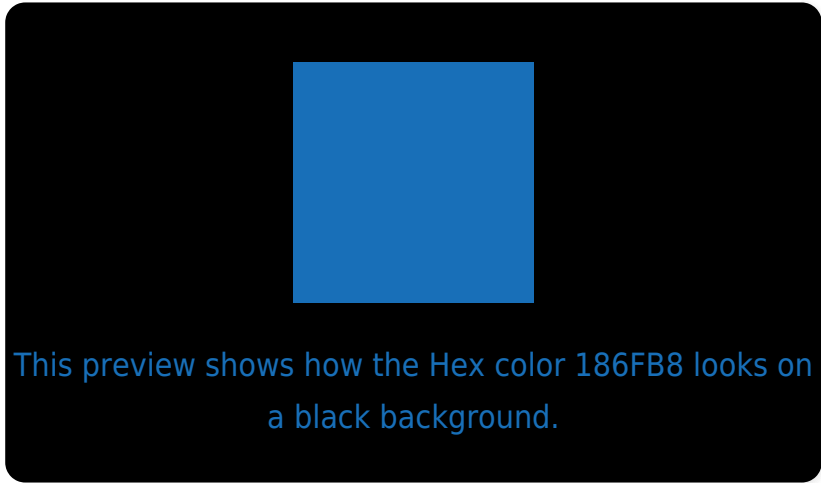
Large Text (above 18pt) WCAG AA ✓ Pass

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

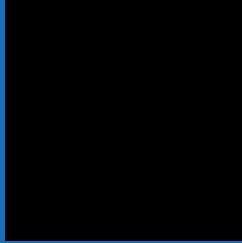
Any Text WCAG AA × Fail

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 186FB8 Background



This preview shows how black text looks on a background with the Hex color 186FB8.

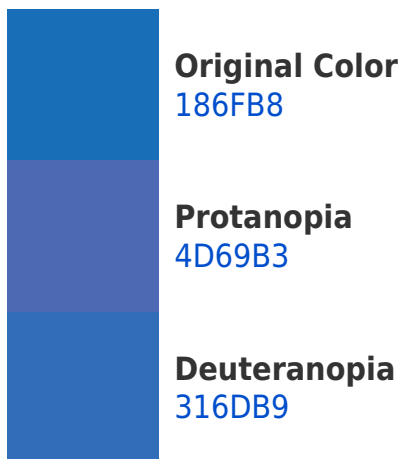


This preview shows how white text looks on a background with the Hex color 186FB8.

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](#).

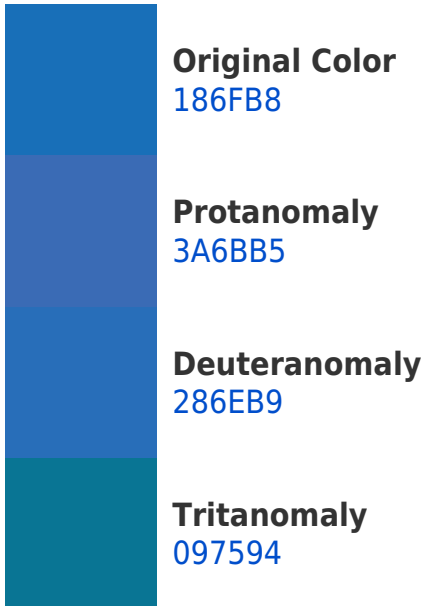
Dichromacy



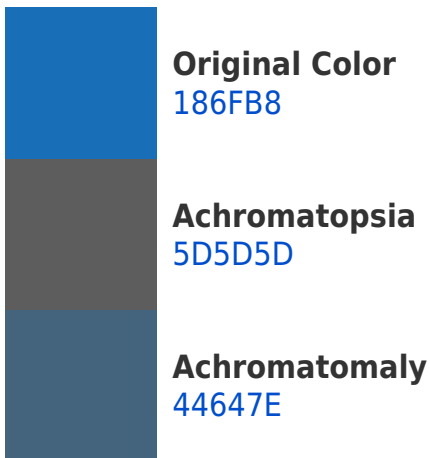


Tritanopia
007880

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 186FB8 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 #186FB8 looks like.

```
.text, #text, p{  
    color:#186FB8  
}
```

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 #186FB8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #186FB8
}
```

Border

The CSS property to change the border of an element to Hex 186FB8 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
#186FB8 }
```

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

```
.border{ border-color:#186FB8 }
```

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

Here you see how a box with a 4 pixel #186FB8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #186FB8; -webkit-box-shadow:4px 4px  
4px 4px #186FB8; box-shadow:4px 4px 4px  
4px #186FB8 }
```

Background

The CSS property to change the background color of an element to Hex 186FB8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#186FB8 }
```

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

```
.background{ background-color:#186FB8 }
```

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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