

Converting Colors

Hex(167FBB)

Have a look what the booklet for
Hex(167FBB) contains.

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Color

Hex(167FBB)

Conversions

Conversions Part 1

Format	Color
Hex	167FBB
RGB	22, 127, 187
RGB Percent	9%, 50%, 73%
CMY	0.9137, 0.5020, 0.2667
CMYK	0.88, 0.32, 0.00, 0.27
HSL	202°, 79%, 41%
HSV	202°, 88%, 73%
XYZ	16.8899, 18.9372, 49.7788
YIQ	102.4450, -81.8400, -3.6000

Conversions

Conversions Part 2

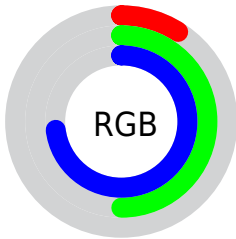
Format	Color
R_{YB}	22, 86, 187
Decimal	1474491
CIE _{Lab}	50.61, -6.02, -39.22
CIE _{LCh}	51, 39.681, 261.268
Yxy	18.9372, 0.1973, 0.2212
Android (android.graphics.Color)	4279664571 (0xFF167FBB)
YUV	102.4450, 41.6856, -70.5503
Hunter-Lab	43.5169, -6.8746, -37.3598

Details

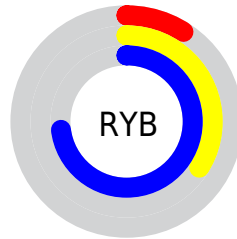
The Hex color **167FBB** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **BB5216**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **64B4F4**, and **004E85** is the 20% darker color. If you saturate the color by 10%, you get **0378BB**, and if you desaturate by 10%, it is **2986BB**.

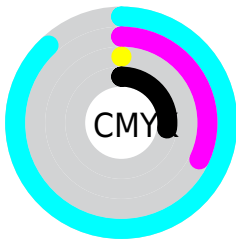
Distribution



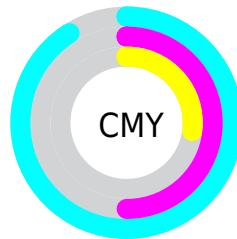
- Red (9%)
- Green (50%)
- Blue (73%)



- Red (9%)
- Yellow (34%)
- Blue (73%)



- Cyan (88%)
- Magenta (32%)
- Yellow (0%)
- Black (27%)



- Cyan (91%)
- Magenta (50%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color 167FBB 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 167FBB by changing the saturation by 10% instead.

■ 167FBB

■ 167FBB

FFFFFF

■ 0066A0

■ 64B4F4

■ 004E85

■ 82CFFF

■ 00386C

■ A0EBFF

■ 002353

■ BEFFFF

■ 000A3C

■ DCFFFF

■ 000225

■ FAFFFF

■ 00010E

■ 000000

■ 167FBB

■ 167FBB

■ 0378BB

■ 2986BB

■ 0077BB

■ 3B8DBB

■ 4E93BB

■ 619ABB

■ 74A1BB

■ 86A8BB

■ 99AFBB

■ ACB5BB

■ BEBCBB

Harmonies

Analogous

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



0086AC



167FBB



6B73B8

Triad

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



167FBB



B85D62



4D854D

Complementary

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



167FBB



BB5216

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.



757E37



167FBB



AD6745

Square

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



167FBB



B25D84



957334



00896D

Rectangle

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



167FBB



8C6BAC



957334



5B8344

Sweetspot

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



167FBB



B3DBF2



16BB50



546D7A



FAFAFA



7A7A7A

Same Dimension

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



167FBB



009AF2



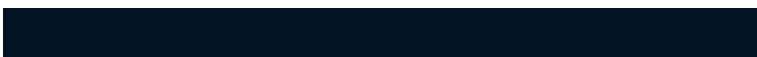
162FBB



555B5E



00659E



00131F

Inverse Universe

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



BB167F



F2009A



BBA216



5E555B



9E0065



1F0013

Previews

White Background



This preview shows how the Hex color 167FBB looks on a white background.

Color Contrast Check

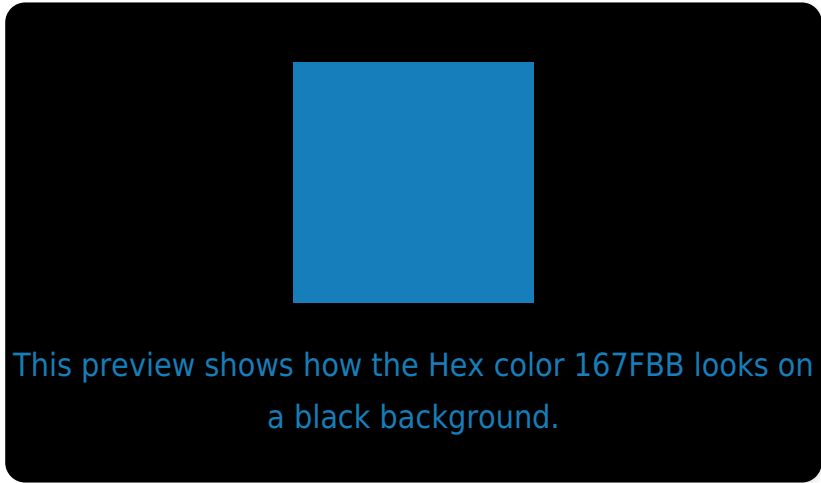
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

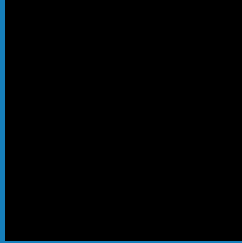
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 167FBB Background



This preview shows how black text looks on a background with the Hex color 167FBB.

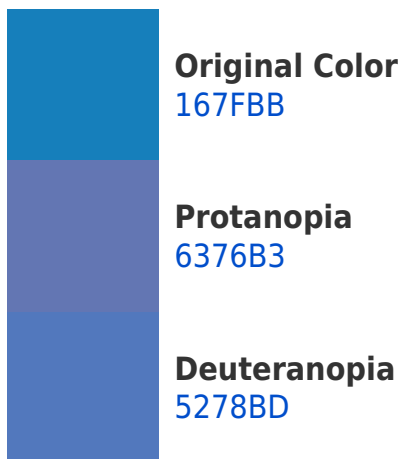


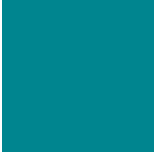
This preview shows how white text looks on a background with the Hex color 167FBB.

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](#).

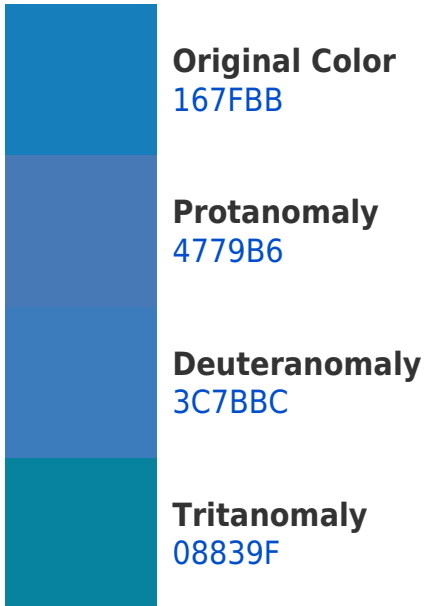
Dichromacy





Tritanopia
00858F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 167FBB 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 #167FBB looks like.

```
.text, #text, p{  
    color:#167FBB  
}
```

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 #167FBB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #167FBB
}
```

Border

The CSS property to change the border of an element to Hex 167FBB 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
#167FBB }
```

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

```
.border{ border-color:#167FBB }
```

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

Here you see how a box with a 4 pixel #167FBB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #167FBB; -webkit-box-shadow:4px 4px  
4px 4px #167FBB; box-shadow:4px 4px 4px  
4px #167FBB }
```

Background

The CSS property to change the background color of an element to Hex 167FBB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#167FBB }
```

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

```
.background{ background-color:#167FBB }
```

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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