

Converting Colors

Hex(168DBF)

Have a look what the booklet for
Hex(168DBF) contains.

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Color

Hex(168DBF)

Conversions

Conversions Part 1

Format	Color
Hex	168DBF
RGB	22, 141, 191
RGB Percent	9%, 55%, 75%
CMY	0.9137, 0.4471, 0.2510
CMYK	0.88, 0.26, 0.00, 0.25
HSL	198°, 79%, 42%
HSV	198°, 88%, 75%
XYZ	19.2597, 22.9819, 52.7111
YIQ	111.1190, -86.9740, -9.6780

Conversions

Conversions Part 2

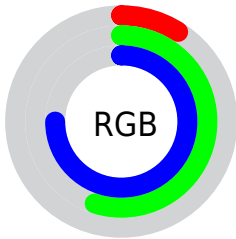
Format	Color
R_{YB}	22, 92, 191
Decimal	1478079
CIE _{Lab}	55.05, -12.59, -34.53
CIE _{LCh}	55, 36.756, 249.975
Yxy	22.9819, 0.2028, 0.2420
Android (android.graphics.Color)	4279668159 (0xFF168DBF)
YUV	111.1190, 39.3813, -78.1574
Hunter-Lab	47.9395, -12.1815, -31.6338

Details

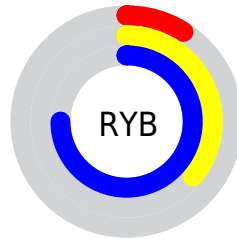
The Hex color **168DBF** is a dark color, and the websafe version is hex **3399CC**. A complement of this color would be **BF4816**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **65C3F8**, and **005B89** is the 20% darker color. If you saturate the color by 10%, you get **0387BF**, and if you desaturate by 10%, it is **2993BF**.

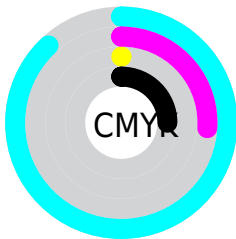
Distribution



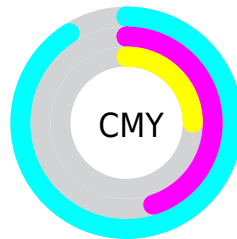
- Red (9%)
- Green (55%)
- Blue (75%)



- Red (9%)
- Yellow (36%)
- Blue (75%)



- Cyan (88%)
- Magenta (26%)
- Yellow (0%)
- Black (25%)



- Cyan (91%)
- Magenta (45%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color 168DBF 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 168DBF by changing the saturation by 10% instead.

 168DBF

 168DBF

FFFFFF

 0073A4

 65C3F8

 005B89

 84DEFF

 004470

 A2FBFF

 002D57

 C0FFFF

 001A3F

 DFFFFFF

 000329

FDFFFF

 000113

 000000

 168DBF

 168DBF

0387BF

2993BF

0086BF

3C98BF

4F9EBF

62A4BF

76A9BF

89AFBF

9CB5BF

AFBABF

C2C0BF

Harmonies

Analogous

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



0093AC



168DBF



6483C2

Triad

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



168DBF



C06A7A



6B8E52

Complementary

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



168DBF



BF4816

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.



8D8544



168DBF



BC705C

Square

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



168DBF



B46D9A



A97A48



40936D

Rectangle

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



168DBF



867CBB



A97A48



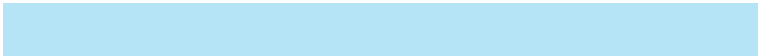
778B4B

Sweetspot

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



168DBF



B5E4F7



16BF46



55717D



FCFCFC



7D7D7D

Same Dimension

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



168DBF



00AEF7



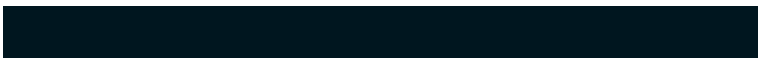
163BBF



555C5E



006F9E



00161F

Inverse Universe

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



BF168D



F700AE



BF9A16



5E555C



9E006F



1F0016

Previews

White Background



This preview shows how the Hex color 168DBF looks on a white background.

Color Contrast Check

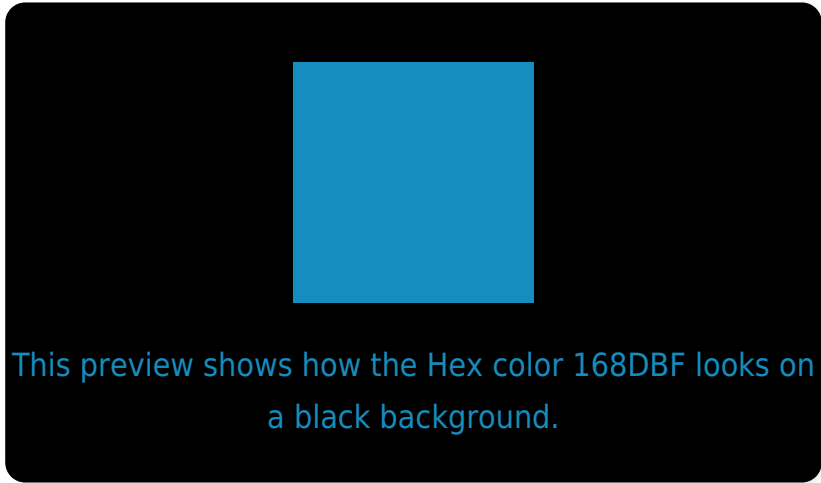
Large Text (above 18pt) WCAG AA ✓ Pass

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

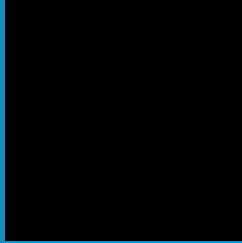
Any Text WCAG AA ✓ Pass

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 168DBF Background



This preview shows how black text looks on a background with the Hex color 168DBF.



This preview shows how white text looks on a background with the Hex color 168DBF.

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](#).

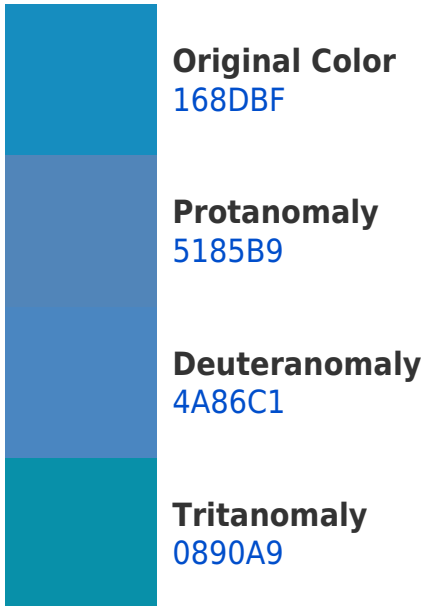
Dichromacy



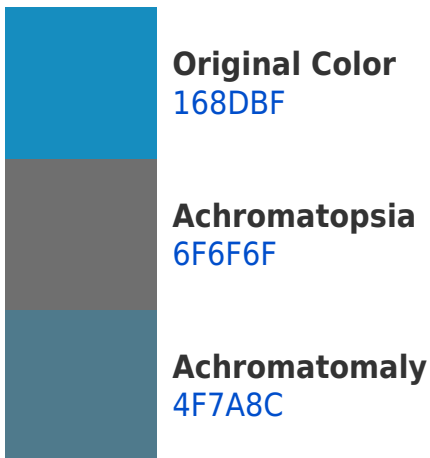


Tritanopia
00929D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 168DBF 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 #168DBF looks like.

```
.text, #text, p{  
    color:#168DBF  
}
```

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 #168DBF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #168DBF
}
```

Border

The CSS property to change the border of an element to Hex 168DBF is called "border". The border property can be set on classes, ids or directly on the HTML element.

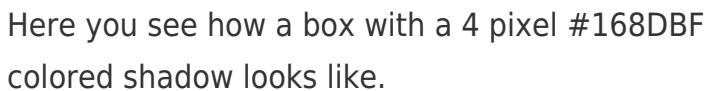
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#168DBF }
```

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

```
.border{ border-color:#168DBF }
```

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



Here you see how a box with a 4 pixel #168DBF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #168DBF; -webkit-box-shadow:4px 4px  
4px 4px #168DBF; box-shadow:4px 4px 4px  
4px #168DBF }
```

Background

The CSS property to change the background color of an element to Hex 168DBF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#168DBF }
```

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

```
.background{ background-color:#168DBF }
```

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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