

Converting Colors

Hex(168ADD)

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

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Color

Hex(168ADD)

Conversions

Conversions Part 1

Format	Color
Hex	168ADD
RGB	22, 138, 221
RGB Percent	9%, 54%, 87%
CMY	0.9137, 0.4588, 0.1333
CMYK	0.90, 0.38, 0.00, 0.13
HSL	205°, 82%, 48%
HSV	205°, 90%, 87%
XYZ	22.4705, 23.5680, 71.7714
YIQ	112.7780, -95.7790, 1.2210

Conversions

Conversions Part 2

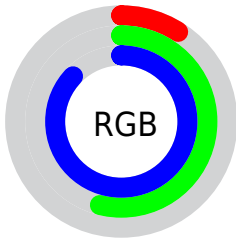
Format	Color
RYB	22, 95, 221
Decimal	1477341
CIELab	55.65, 0.32, -50.52
CIELCh	56, 50.520, 270.364
Yxy	23.5680, 0.1907, 0.2001
Android (android.graphics.Color)	4279667421 (0xFF168ADD)
YUV	112.7780, 53.3534, -79.6123
Hunter-Lab	48.5469, -2.3362, -53.6711

Details

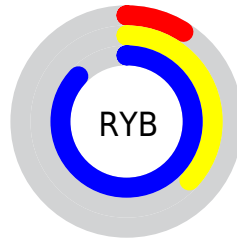
The Hex color **168ADD** is a dark color, and the websafe version is hex **0099FF**. The color can be described as dark washed azure. A complement of this color would be **DD6916**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **6CBFFF**, and **0059A5** is the 20% darker color. If you saturate the color by 10%, you get **0081DD**, and if you desaturate by 10%, it is **2C93DD**.

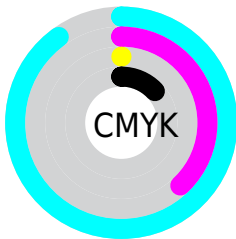
Distribution



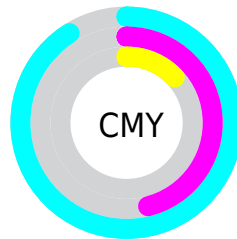
- Red (9%)
- Green (54%)
- Blue (87%)



- Red (9%)
- Yellow (37%)
- Blue (87%)



- Cyan (90%)
- Magenta (38%)
- Yellow (0%)
- Black (13%)



- Cyan (91%)
- Magenta (46%)
- Yellow (13%)

Brightness & Saturation Gradients

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

 168ADD

 168ADD

FFFFFF

 0071C1

 6CBFFF

 0059A5

 8CDBFF

 00428B

 ABF7FF

 002D71

 CAFFFF

 001958

 E9FFFF

 000740

 000329

 000113

 000000

■ 168ADD

■ 168ADD

■ 0081DD

■ 2C93DD

■ 429CDD

■ 58A6DD

■ 6EAFDD

■ 84B8DD

■ 9BC1DD

■ B1CBDD

■ C7D4DD

■ DDDDDD

Harmonies

Analogous

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



0095D1



168ADD



877AD1

Triad

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



168ADD



D3635C



319758

Complementary

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



168ADD



DD6916

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.



709035



168ADD



BF7339

Square

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



168ADD



D35E87



9D8327



009B84

Rectangle

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



168ADD



AD6DBE



9D8327



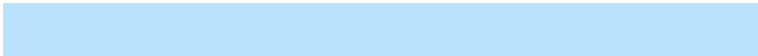
4B954B

Sweetspot

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



168ADD



BAE2FF



16DD69



576E80



000000



808080

Same Dimension

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



168ADD



0095FF



1627DD



63696E



0065AD



001B2E

Inverse Universe

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



DD168A



FF0095



DDCC16



6E6369



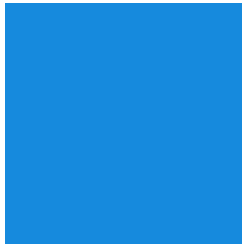
AD0065



2E001B

Previews

White Background



This preview shows how the Hex color 168ADD 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



This preview shows how the Hex color 168ADD looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

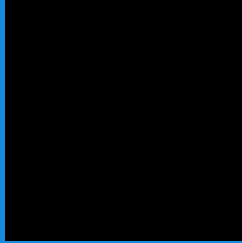
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

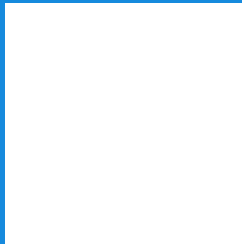
Any Text WCAG AAA × Fail

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

Hex 168ADD Background



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



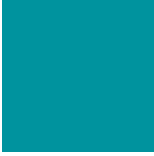
This preview shows how white text looks on a background with the Hex color 168ADD.

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](#).

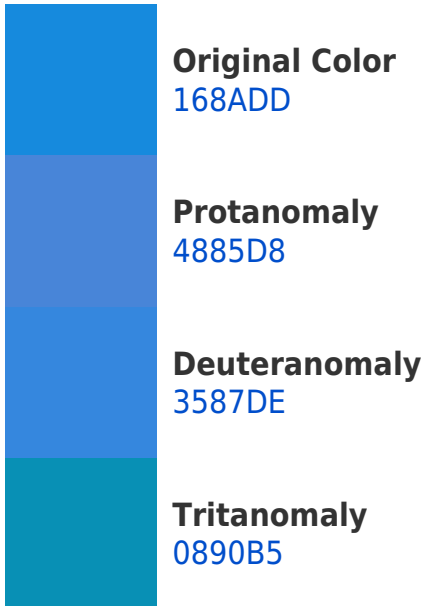
Dichromacy





Tritanopia
00939E

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #168ADD colored shadow looks like.

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

Border

The CSS property to change the border of an element to Hex 168ADD 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
#168ADD }
```

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

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

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

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

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

Background

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

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

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

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

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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