

Converting Colors

Hex(1680DC)

Have a look what the booklet for
Hex(1680DC) contains.

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Color

Hex(1680DC)

Conversions

Conversions Part 1

Format	Color
Hex	1680DC
RGB	22, 128, 220
RGB Percent	9%, 50%, 86%
CMY	0.9137, 0.4980, 0.1373
CMYK	0.90, 0.42, 0.00, 0.14
HSL	208°, 82%, 47%
HSV	208°, 90%, 86%
XYZ	20.9683, 20.7762, 70.6152
YIQ	106.7940, -92.7080, 6.1400

Conversions

Conversions Part 2

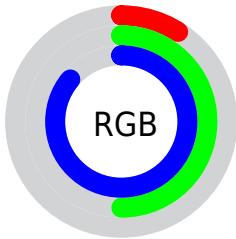
Format	Color
RYB	22, 91, 220
Decimal	1474780
CIELab	52.70, 5.98, -54.66
CIELCh	53, 54.990, 276.246
Yxy	20.7762, 0.1866, 0.1849
Android (android.graphics.Color)	4279664860 (0xFF1680DC)
YUV	106.7940, 55.8106, -74.3643
Hunter-Lab	45.5809, 2.3476, -59.9470

Details

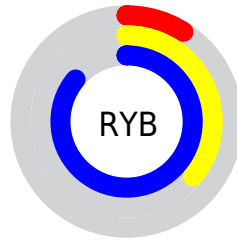
The Hex color **1680DC** is a dark color, and the websafe version is hex **3399FF**. The color can be described as dark washed azure. A complement of this color would be **DC7216**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **6BB4FF**, and **0050A4** is the 20% darker color. If you saturate the color by 10%, you get **0076DC**, and if you desaturate by 10%, it is **2C8ADC**.

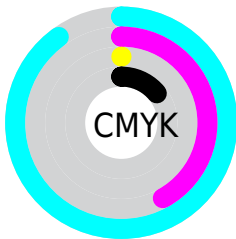
Distribution



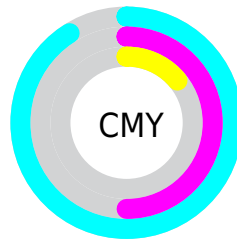
- Red (9%)
- Green (50%)
- Blue (86%)



- Red (9%)
- Yellow (36%)
- Blue (86%)



- Cyan (90%)
- Magenta (42%)
- Yellow (0%)
- Black (14%)



- Cyan (91%)
- Magenta (50%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1680DC 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 1680DC by changing the saturation by 10% instead.

 1680DC

 1680DC

FFFFFF

 0067C0

 6BB4FF

 0050A4

 8CD0FF

 003A89

 ABECFF


 00256F


 C9FFFF

 001056

 E8FFFF

 00063E

 000327

 000111

 000000

■ 1680DC

■ 1680DC

■ 0076DC

■ 2C8ADC

■ 4294DC

■ 589FDC

■ 6EA9DC

■ 84B3DC

■ 9ABDDC

■ B0C8DC

■ C6D2DC

■ DCDCDC

Harmonies

Analogous

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



008DD4



1680DC



8C6DCA

Triad

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



1680DC



CD5A48



009256

Complementary

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



1680DC



DC7216

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.



5B8B2B



1680DC



B46D23

Square

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



1680DC



D25076



8D7F10



009487

Rectangle

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



1680DC



B15FB3



8D7F10



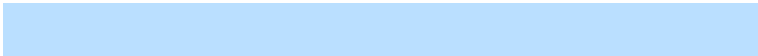
289046

Sweetspot

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



1680DC



BADFFF



16DC6F



576D80



000000



808080

Same Dimension

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



1680DC



0089FF



1620DC



63696E



005DAD



00192E

Inverse Universe

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



DC1680



FF0089



DCD216



6E6369



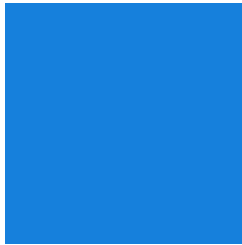
AD005D



2E0019

Previews

White Background



This preview shows how the Hex color 1680DC 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 1680DC looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

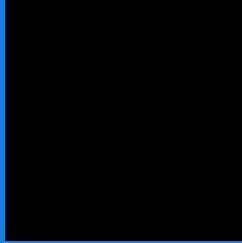
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

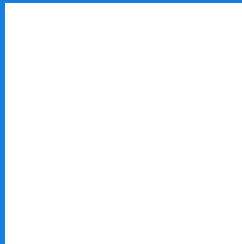
Any Text WCAG AAA × Fail

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

Hex 1680DC Background



This preview shows how black text looks on a background with the Hex color 1680DC.

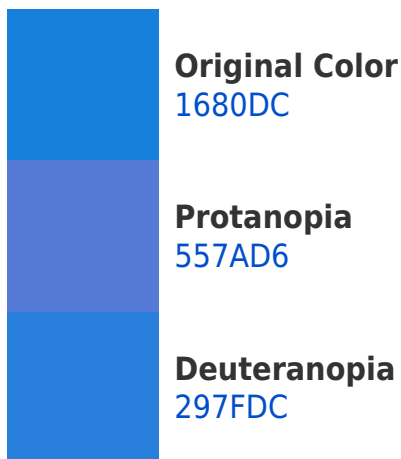


This preview shows how white text looks on a background with the Hex color 1680DC.

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](#).

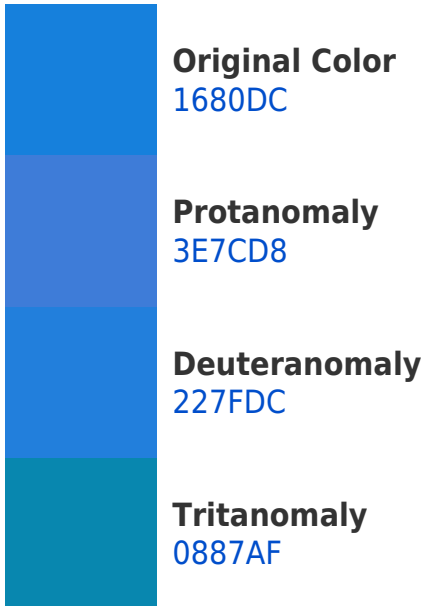
Dichromacy



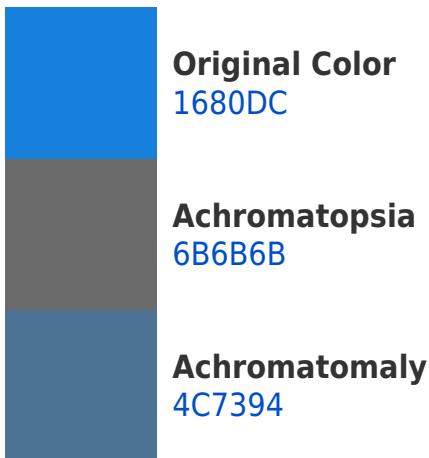


Tritanopia
008B95

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 1680DC 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 #1680DC looks like.

```
.text, #text, p{  
    color:#1680DC  
}
```

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 #1680DC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1680DC
}
```

Border

The CSS property to change the border of an element to Hex 1680DC 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
#1680DC }
```

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

```
.border{ border-color:#1680DC }
```

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

Here you see how a box with a 4 pixel #1680DC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1680DC; -webkit-box-shadow:4px 4px  
4px 4px #1680DC; box-shadow:4px 4px 4px  
4px #1680DC }
```

Background

The CSS property to change the background color of an element to Hex 1680DC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1680DC }
```

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

```
.background{ background-color:#1680DC }
```

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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