

Converting Colors

Hex(1658DB)

Have a look what the booklet for
Hex(1658DB) contains.

Hex(1658DB)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(1658DB)

Conversions

Conversions Part 1

Format	Color
Hex	1658DB
RGB	22, 88, 219
RGB Percent	9%, 35%, 86%
CMY	0.9137, 0.6549, 0.1412
CMYK	0.90, 0.60, 0.00, 0.14
HSL	220°, 82%, 47%
HSV	220°, 90%, 86%
XYZ	16.6068, 12.2645, 68.5098
YIQ	83.2000, -81.3870, 26.7490

Conversions

Conversions Part 2

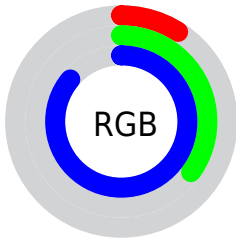
Format	Color
RYB	22, 71, 219
Decimal	1464539
CIELab	41.63, 31.10, -72.01
CIELCh	42, 78.443, 293.361
Yxy	12.2645, 0.1705, 0.1259
Android (android.graphics.Color)	4279654619 (0xFF1658DB)
YUV	83.2000, 66.9494, -53.6724
Hunter-Lab	35.0207, 23.3583, -91.4726

Details

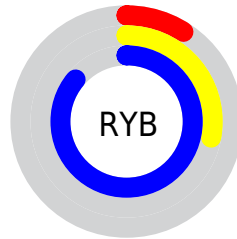
The Hex color **1658DB** is a dark color, and the websafe version is hex **0066FF**. The color can be described as dark washed blue. A complement of this color would be **DB9916**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **6D89FF**, and **002CA3** is the 20% darker color. If you saturate the color by 10%, you get **0049DB**, and if you desaturate by 10%, it is **2C67DB**.

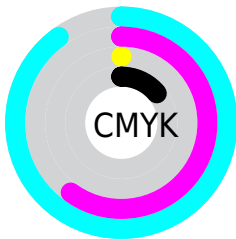
Distribution



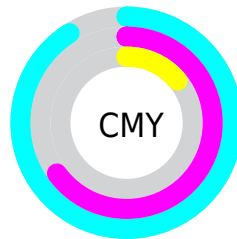
- Red (9%)
- Green (35%)
- Blue (86%)



- Red (9%)
- Yellow (28%)
- Blue (86%)



- Cyan (90%)
- Magenta (60%)
- Yellow (0%)
- Black (14%)



- Cyan (91%)
- Magenta (65%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1658DB 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 1658DB by changing the saturation by 10% instead.

 1658DB

 1658DB

FFFFFF

 0041BF

 6D89FF

 002CA3

 8DA3FF

 001A88

 ADBEFF

 00016E

 CCDAFF

 000B54

 EBF6FF

 00063C

 000225

 00010E

 000000

■ 1658DB

■ 1658DB

■ 0049DB

■ 2C67DB

■ 4275DB

■ 5884DB

■ 6E92DB

■ 84A1DB

■ 99AFDB

■ AFBEDB

■ C5CDDB

■ DBDBDB

Harmonies

Analogous

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



0070E5



1658DB



9E2CB1

Triad

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



1658DB



B23900



007B51

Complementary

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



1658DB



DB9916

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.



007700



1658DB



845B00

Square

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



1658DB



CC0034



486E00



007C94

Rectangle

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



1658DB



BF0089



486E00



007A3A

Sweetspot

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



1658DB



BAD1FF



16DB96



576480



000000



808080

Same Dimension

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



1658DB



0055FF



3416DB



63666E



003AAD



000F2E

Inverse Universe

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



DB1658



FF0055



BDDB16



6E6366



AD003A



2E000F

Previews

White Background



This preview shows how the Hex color 1658DB looks on a white background.

Color Contrast Check

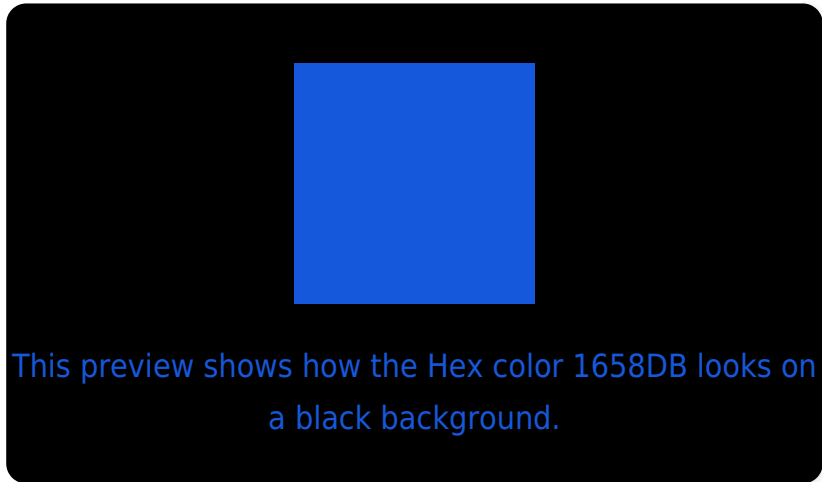
Large Text (above 18pt) WCAG AA ✓ Pass

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

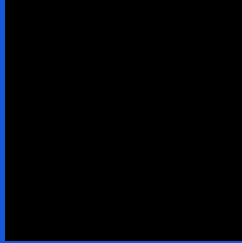
Any Text WCAG AA × Fail

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 1658DB Background



This preview shows how black text looks on a background with the Hex color 1658DB.



This preview shows how white text looks on a background with the Hex color 1658DB.

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



Original Color
1658DB

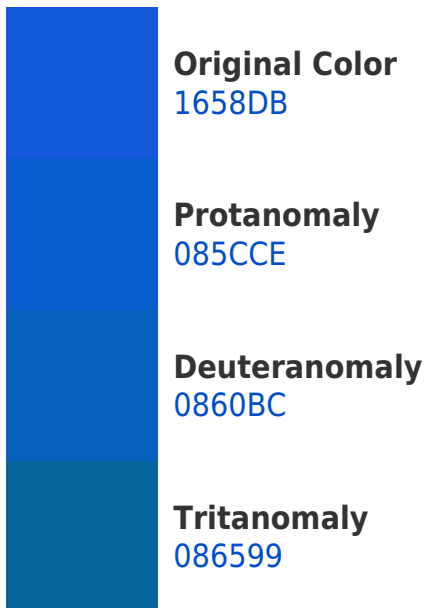
Protanopia
005EC7

Deuteranopia
0064AB



Tritanopia
006C73

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 1658DB 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 #1658DB looks like.

```
.text, #text, p{  
    color:#1658DB  
}
```

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 #1658DB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1658DB
}
```

Border

The CSS property to change the border of an element to Hex 1658DB 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
#1658DB }
```

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

```
.border{ border-color:#1658DB }
```

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

Here you see how a box with a 4 pixel #1658DB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1658DB; -webkit-box-shadow:4px 4px  
4px 4px #1658DB; box-shadow:4px 4px 4px  
4px #1658DB }
```

Background

The CSS property to change the background color of an element to Hex 1658DB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1658DB }
```

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

```
.background{ background-color:#1658DB }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor