

Converting Colors

Hex(1558D8)

Have a look what the booklet for
Hex(1558D8) contains.

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Color

Hex(1558D8)

Conversions

Conversions Part 1

Format	Color
Hex	1558D8
RGB	21, 88, 216
RGB Percent	8%, 35%, 85%
CMY	0.9176, 0.6549, 0.1529
CMYK	0.90, 0.59, 0.00, 0.15
HSL	219°, 82%, 46%
HSV	219°, 90%, 85%
XYZ	16.1937, 12.0967, 66.4472
YIQ	82.5590, -81.0200, 25.6040

Conversions

Conversions Part 2

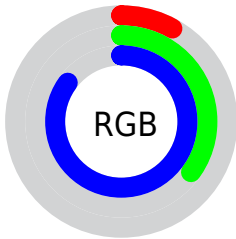
Format	Color
R_{YB}	21, 71, 216
Decimal	1399000
CIE _{Lab}	41.37, 29.90, -70.73
CIE _{LCh}	41, 76.792, 292.918
Yxy	12.0967, 0.1709, 0.1277
Android (android.graphics.Color)	4279589080 (0xFF1558D8)
YUV	82.5590, 65.7864, -53.9872
Hunter-Lab	34.7804, 22.2435, -88.9260

Details

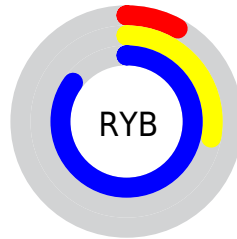
The Hex color **1558D8** is a dark color, and the websafe version is hex **0066FF**. The color can be described as dark washed blue. A complement of this color would be **D89515**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **6C89FF**, and **002CA0** is the 20% darker color. If you saturate the color by 10%, you get **004AD8**, and if you desaturate by 10%, it is **2B66D8**.

Distribution



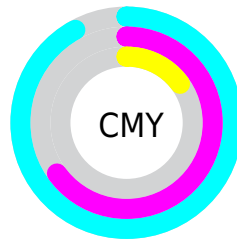
- Red (8%)
- Green (35%)
- Blue (85%)



- Red (8%)
- Yellow (28%)
- Blue (85%)



- Cyan (90%)
- Magenta (59%)
- Yellow (0%)
- Black (15%)



- Cyan (92%)
- Magenta (65%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1558D8 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 1558D8 by changing the saturation by 10% instead.

■ 1558D8

■ 1558D8

FFFFFF

■ 0041BC

■ 6C89FF

■ 002CA0

■ 8CA3FF

■ 001A85

■ ABBEFF

■ 00006B

■ CADAFF

■ 000B52

■ E9F6FF

■ 00053A

■ 000223

■ 00000A

■ 000000

■ 1558D8

■ 1558D8

■ 004AD8

■ 2B66D8

■ 4074D8

■ 5683D8

■ 6B91D8

■ 819FD8

■ 97ADD8

■ ACBBD8

■ C2C9D8

■ D7D8D8

Harmonies

Analogous

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



006FE1



1558D8



9B2EAF

Triad

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



1558D8



B03900



007A50

Complementary

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



1558D8



D89515

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.



007600



1558D8



845A00

Square

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



1558D8



C90035



496C00



007B91

Rectangle

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



1558D8



BC0088



496C00



007939

Sweetspot

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



1558D8



BAD2FF



15D894



576580



000000



808080

Same Dimension

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



1558D8



0058FF



3215D8



60646B



003BAB



000F2B

Inverse Universe

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



D81558



FF0058



BBD815



6B6064



AB003B



2B000F

Previews

White Background



This preview shows how the Hex color 1558D8 looks on a white background.

Color Contrast Check

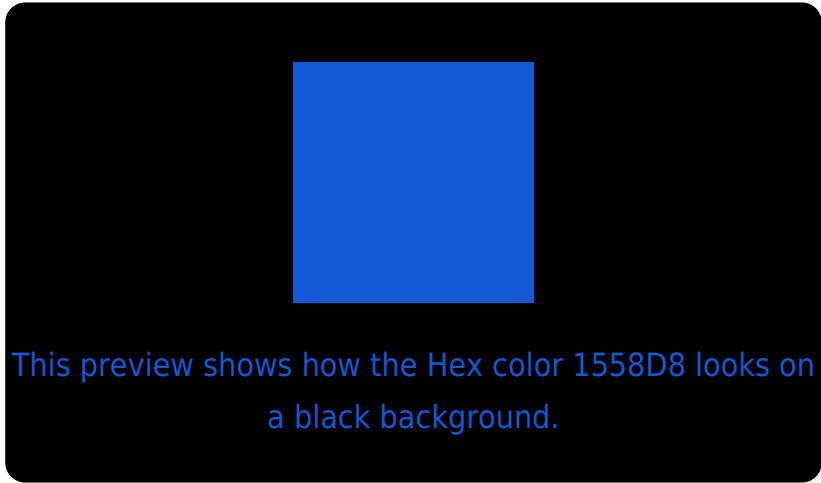
Large Text (above 18pt) WCAG AA ✓ Pass

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

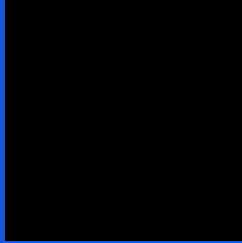
Any Text WCAG AA × Fail

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 1558D8 Background



This preview shows how black text looks on a background with the Hex color 1558D8.



This preview shows how white text looks on a background with the Hex color 1558D8.

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
1558D8

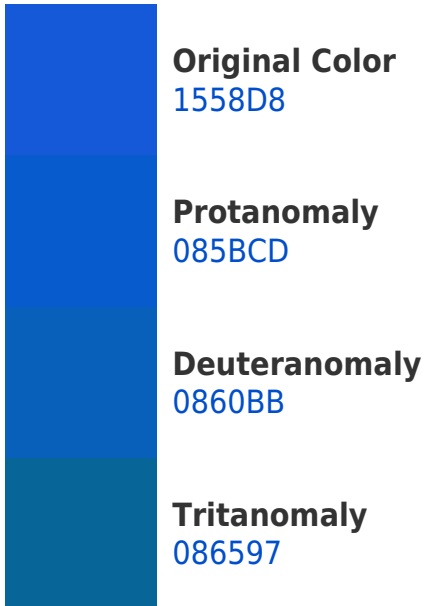
Protanopia
005DC6

Deuteranopia
0064AA

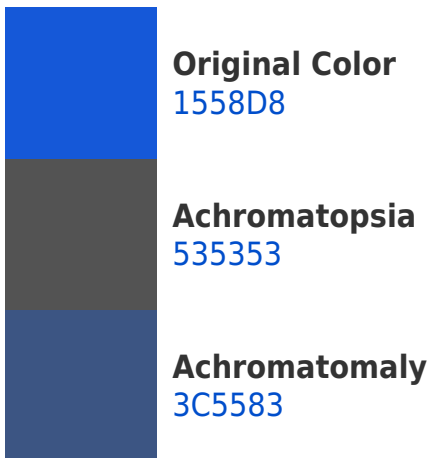


Tritanopia
006C72

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 1558D8 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 #1558D8 looks like.

```
.text, #text, p{  
    color:#1558D8  
}
```

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 #1558D8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1558D8
}
```

Border

The CSS property to change the border of an element to Hex 1558D8 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
#1558D8 }
```

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

```
.border{ border-color:#1558D8 }
```

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

Here you see how a box with a 4 pixel #1558D8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1558D8; -webkit-box-shadow:4px 4px  
4px 4px #1558D8; box-shadow:4px 4px 4px  
4px #1558D8 }
```

Background

The CSS property to change the background color of an element to Hex 1558D8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1558D8 }
```

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

```
.background{ background-color:#1558D8 }
```

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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