

Converting Colors

Hex(1583DF)

Have a look what the booklet for
Hex(1583DF) contains.

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Color

Hex(1583DF)

Conversions

Conversions Part 1

Format	Color
Hex	1583DF
RGB	21, 131, 223
RGB Percent	8%, 51%, 87%
CMY	0.9176, 0.4863, 0.1255
CMYK	0.91, 0.41, 0.00, 0.13
HSL	207°, 83%, 48%
HSV	207°, 91%, 87%
XYZ	21.7448, 21.7197, 72.8583
YIQ	108.5980, -95.0920, 5.2920

Conversions

Conversions Part 2

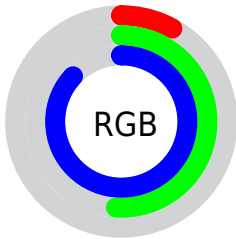
Format	Color
RYB	21, 92, 223
Decimal	1410015
CIELab	53.73, 5.25, -54.71
CIELCh	54, 54.962, 275.482
Yxy	21.7197, 0.1869, 0.1867
Android (android.graphics.Color)	4279600095 (0xFF1583DF)
YUV	108.5980, 56.4002, -76.8234
Hunter-Lab	46.6044, 1.7273, -60.0669

Details

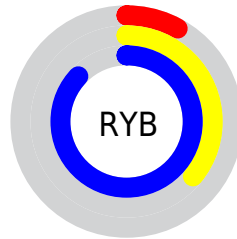
The Hex color **1583DF** is a dark color, and the websafe version is hex **3399FF**. The color can be described as dark washed azure. A complement of this color would be **DF7115**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **6CB7FF**, and **0052A7** is the 20% darker color. If you saturate the color by 10%, you get **0079DF**, and if you desaturate by 10%, it is **2B8DDF**.

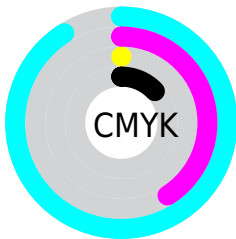
Distribution



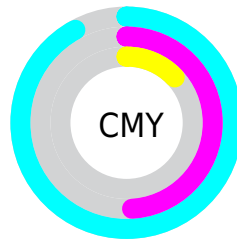
- Red (8%)
- Green (51%)
- Blue (87%)



- Red (8%)
- Yellow (36%)
- Blue (87%)



- Cyan (91%)
- Magenta (41%)
- Yellow (0%)
- Black (13%)



- Cyan (92%)
- Magenta (49%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1583DF 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 1583DF by changing the saturation by 10% instead.

 1583DF

 1583DF

FFFFFF

 006AC3

 6CB7FF

 0052A7

 8CD3FF

 003C8C

 ABEFFF

 002872

 CAFFFF

 001359

 E9FFFF

 000741

 00032A

 000114

 000000

■ 1583DF

■ 1583DF

■ 0079DF

■ 2B8DDF

■ 4297DF

■ 58A1DF

■ 6EACDF

■ 85B6DF

■ 9BC0DF

■ B1CADF

■ C7D4DF

■ DEDEDF

Harmonies

Analogous

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



0090D6



1583DF



8D70CE

Triad

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



1583DF



D05C4C



009457

Complementary

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



1583DF



DF7115

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.



5F8D2D



1583DF



B76F26

Square

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



1583DF



D5537A



918114



009788

Rectangle

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



1583DF



B362B7



918114



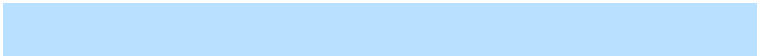
2F9248

Sweetspot

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



1583DF



BAE0FF



15DF70



576D80



000000



808080

Same Dimension

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



1583DF



008BFF



151FDF



656B70



0060B0



001A30

Inverse Universe

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



DF1583



FF008B



DFD515



70656B



B00060



30001A

Previews

White Background



This preview shows how the Hex color 1583DF 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 1583DF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

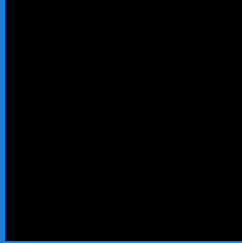
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

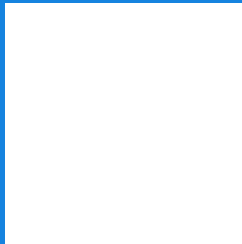
Any Text WCAG AAA × Fail

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

Hex 1583DF Background



This preview shows how black text looks on a background with the Hex color 1583DF.

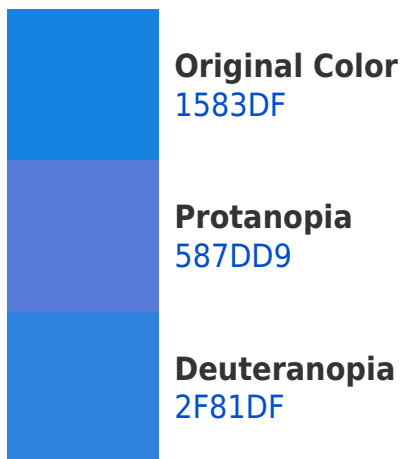


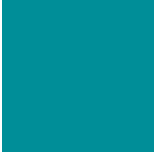
This preview shows how white text looks on a background with the Hex color 1583DF.

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](#).

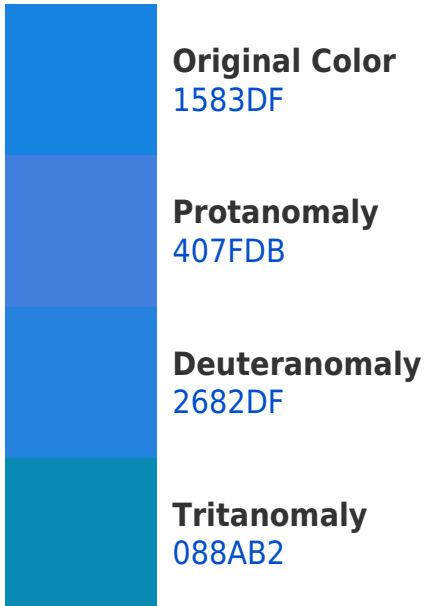
Dichromacy



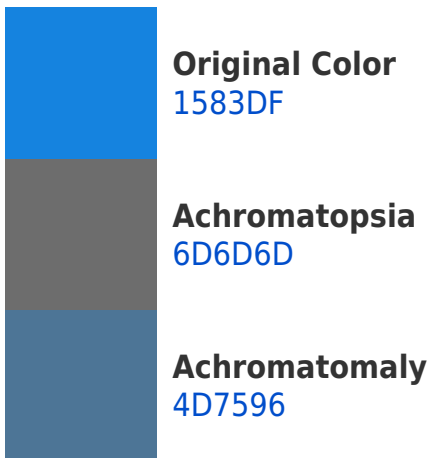


Tritanopia
008E98

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 1583DF 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 #1583DF looks like.

```
.text, #text, p{  
    color:#1583DF  
}
```

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 #1583DF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1583DF
}
```

Border

The CSS property to change the border of an element to Hex 1583DF 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
#1583DF }
```

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

```
.border{ border-color:#1583DF }
```

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

Here you see how a box with a 4 pixel #1583DF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1583DF; -webkit-box-shadow:4px 4px  
4px 4px #1583DF; box-shadow:4px 4px 4px  
4px #1583DF }
```

Background

The CSS property to change the background color of an element to Hex 1583DF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1583DF }
```

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

```
.background{ background-color:#1583DF }
```

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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