

# Converting Colors

Hex(1589D7)

Have a look what the booklet for  
Hex(1589D7) contains.

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**Color**

**Hex(1589D7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	1589D7
RGB	21, 137, 215
RGB Percent	8%, 54%, 84%
CMY	0.9176, 0.4627, 0.1569
CMYK	0.90, 0.36, 0.00, 0.16
HSL	204°, 82%, 46%
HSV	204°, 90%, 84%
XYZ	21.5207, 22.9570, 67.5869
YIQ	111.2080, -94.1740, -0.3340

# Conversions

## Conversions Part 2

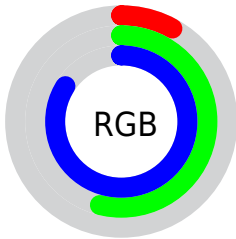
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	21, 94, 215
Decimal	1411543
CIE <sub>Lab</sub>	55.03, -1.41, -48.15
CIE <sub>LCh</sub>	55, 48.166, 268.327
Yxy	22.9570, 0.1920, 0.2049
Android (android.graphics.Color)	4279601623 (0xFF1589D7)
YUV	111.2080, 51.1695, -79.1124
Hunter-Lab	47.9135, -3.6742, -50.0951

# Details

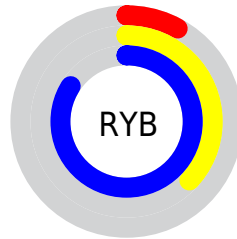
The Hex color **1589D7** is a dark color, and the websafe version is hex **0099FF**. The color can be described as dark washed azure. A complement of this color would be **D76315**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **6ABEFF**, and **0058A0** is the 20% darker color. If you saturate the color by 10%, you get **0081D7**, and if you desaturate by 10%, it is **2B92D7**.

# Distribution



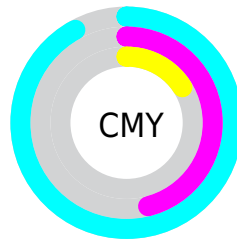
- Red (8%)
- Green (54%)
- Blue (84%)



- Red (8%)
- Yellow (37%)
- Blue (84%)



- Cyan (90%)
- Magenta (36%)
- Yellow (0%)
- Black (16%)



- Cyan (92%)
- Magenta (46%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1589D7 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 1589D7 by changing the saturation by 10% instead.



1589D7

1589D7

FFFFFF

0070BB

6ABEFF

0058A0

8ADAFF

004185

A9F6FF

002C6B

C8FFFF

001853

E6FFFF

00063B

000224

00000C

000000

■ 1589D7

■ 1589D7

■ 0081D7

■ 2B92D7

■ 409AD7

■ 56A3D7

■ 6BACD7

■ 81B4D7

■ 96BDD7

■ ACC6D7

■ C1CED7

■ D7D7D7

# Harmonies

## Analogous

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



0093CA



1589D7



817ACD

# Triad

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



1589D7



CF635F



3B9556

# Complementary

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



1589D7



D76315

# 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.



738D36



1589D7



BD713D

# Square

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



1589D7



CE5F88



9D812B



009880

# Rectangle

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



1589D7



A66EBC



9D812B



51924A

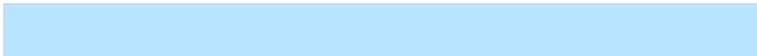


# Sweetspot

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



1589D7



BAE3FF



15D763



576F80



000000



808080



# Same Dimension

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



1589D7



0098FF



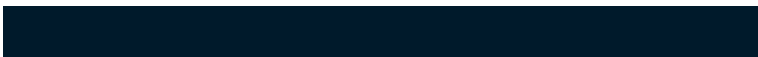
1528D7



60676B



0066AB



001A2B



# Inverse Universe

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



D71589



FF0098



D7C415



6B6067



AB0066



2B001A



# Previews

## White Background



This preview shows how the Hex color 1589D7 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 1589D7 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

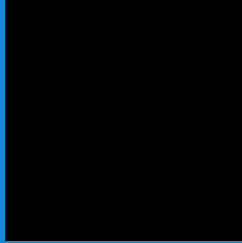
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

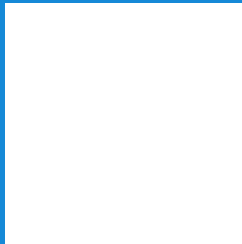
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 1589D7 Background



This preview shows how black text looks on a background with the Hex color 1589D7.

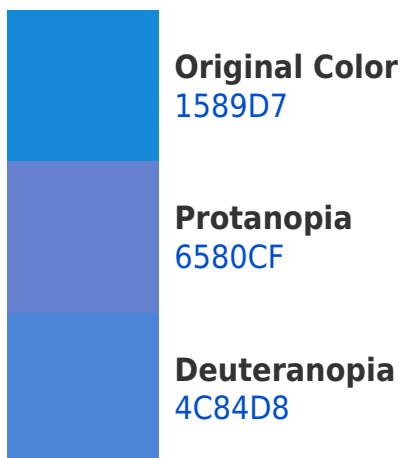


This preview shows how white text looks on a background with the Hex color 1589D7.

# 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**  
00929C

# Trichromacy



**Original Color**  
1589D7

**Protanomaly**  
4883D2

**Deuteranomaly**  
3886D8

**Tritanomaly**  
088FB1

# Monochromacy



**Original Color**  
1589D7

**Achromatopsia**  
6F6F6F

**Achromatomaly**  
4E7895

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1589D7 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 #1589D7 looks like.

```
.text, #text, p{  
    color:#1589D7  
}
```

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 #1589D7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1589D7
}
```

## Border

The CSS property to change the border of an element to Hex 1589D7 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
#1589D7 }
```

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

```
.border{ border-color:#1589D7 }
```

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

Here you see how a box with a 4 pixel #1589D7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1589D7; -webkit-box-shadow:4px 4px  
4px 4px #1589D7; box-shadow:4px 4px 4px  
4px #1589D7 }
```

# Background

The CSS property to change the background color of an element to Hex 1589D7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1589D7 }
```

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

```
.background{ background-color:#1589D7 }
```

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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