

Converting Colors

Hex(1573D6)

Have a look what the booklet for
Hex(1573D6) contains.

Hex(1573D6)	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(1573D6)

Conversions

Conversions Part 1

Format	Color
Hex	1573D6
RGB	21, 115, 214
RGB Percent	8%, 45%, 84%
CMY	0.9176, 0.5490, 0.1608
CMYK	0.90, 0.46, 0.00, 0.16
HSL	211°, 82%, 46%
HSV	211°, 90%, 84%
XYZ	18.5776, 17.2759, 65.9738
YIQ	98.1800, -87.8030, 10.8610

Conversions

Conversions Part 2

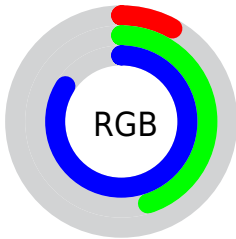
Format	Color
R_{YB}	21, 84, 214
Decimal	1405910
CIE _{Lab}	48.61, 11.70, -57.85
CIE _{LCh}	49, 59.020, 281.431
Yxy	17.2759, 0.1824, 0.1697
Android (android.graphics.Color)	4279595990 (0xFF1573D6)
YUV	98.1800, 57.0993, -67.6869
Hunter-Lab	41.5643, 7.0448, -65.0141

Details

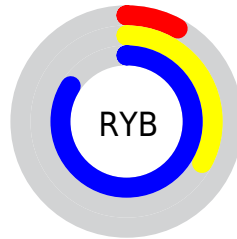
The Hex color **1573D6** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **D67815**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **6AA6FF**, and **00449E** is the 20% darker color. If you saturate the color by 10%, you get **0068D6**, and if you desaturate by 10%, it is **2A7ED6**.

Distribution



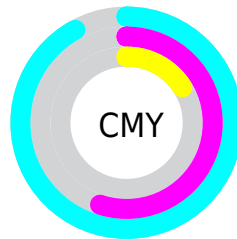
- Red (8%)
- Green (45%)
- Blue (84%)



- Red (8%)
- Yellow (33%)
- Blue (84%)



- Cyan (90%)
- Magenta (46%)
- Yellow (0%)
- Black (16%)



- Cyan (92%)
- Magenta (55%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1573D6 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 1573D6 by changing the saturation by 10% instead.

■ 1573D6

■ 1573D6

FFFFFF

■ 005BBA

■ 6AA6FF

■ 00449E

■ 8AC1FF

■ 002F84

■ A9DDFF

■ 001C6A

■ C7F9FF

■ 000651

■ E6FFFF

■ 000539

■ 000223

■ 000009

■ 000000

■ 1573D6

■ 1573D6

■ 0068D6

■ 2A7ED6

■ 4089D6

■ 5594D6

■ 6B9FD6

■ 80AAD6

■ 95B5D6

■ ABC0D6

■ C0CBD6

■ D6D6D6

Harmonies

Analogous

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



0082D2



1573D6



8D5DBF

Triad

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



1573D6



C24F33



008852

Complementary

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



1573D6



D67815

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.



408220



1573D6



A46501

Square

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



1573D6



CC3F62



797700



008A86

Rectangle

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



1573D6



B14DA4



797700



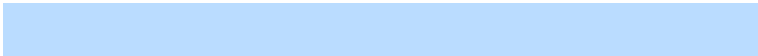
008741

Sweetspot

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



1573D6



BADCFF



15D676



576B80



000000



808080

Same Dimension

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



1573D6



007CFF



1515D6



60666B



0053AB



00152B

Inverse Universe

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



D61573



FF007C



D6D615



6B6066



AB0053



2B0015

Previews

White Background



This preview shows how the Hex color 1573D6 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



This preview shows how the Hex color 1573D6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

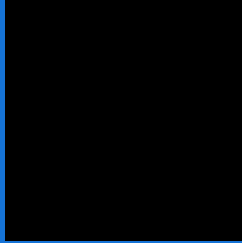
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

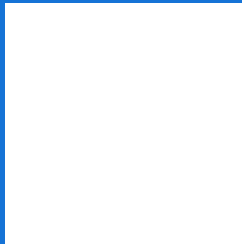
Any Text WCAG AAA × Fail

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

Hex 1573D6 Background



This preview shows how black text looks on a background with the Hex color 1573D6.

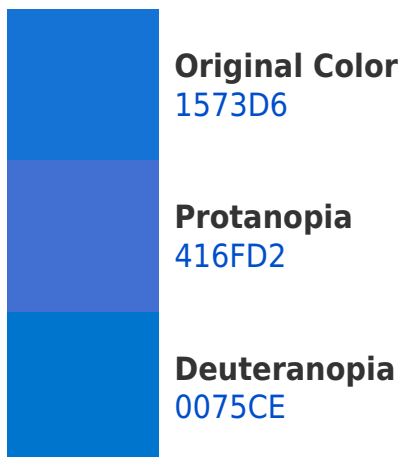


This preview shows how white text looks on a background with the Hex color 1573D6.

Color Blindness Simulation

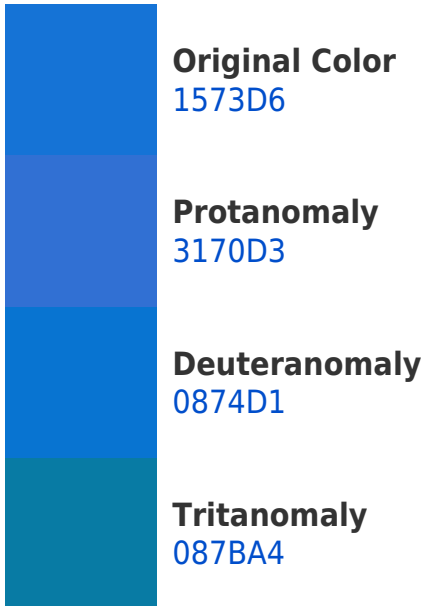
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

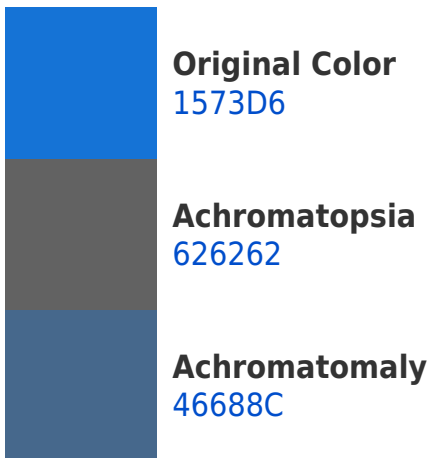




Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 1573D6 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 #1573D6 looks like.

```
.text, #text, p{  
    color:#1573D6  
}
```

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 #1573D6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1573D6
}
```

Border

The CSS property to change the border of an element to Hex 1573D6 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
#1573D6 }
```

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

```
.border{ border-color:#1573D6 }
```

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

Here you see how a box with a 4 pixel #1573D6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1573D6; -webkit-box-shadow:4px 4px  
4px 4px #1573D6; box-shadow:4px 4px 4px  
4px #1573D6 }
```

Background

The CSS property to change the background color of an element to Hex 1573D6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1573D6 }
```

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

```
.background{ background-color:#1573D6 }
```

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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