

Converting Colors

Hex(1593D6)

Have a look what the booklet for
Hex(1593D6) contains.

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Color

Hex(1593D6)

Conversions

Conversions Part 1

Format	Color
Hex	1593D6
RGB	21, 147, 214
RGB Percent	8%, 58%, 84%
CMY	0.9176, 0.4235, 0.1608
CMYK	0.90, 0.31, 0.00, 0.16
HSL	201°, 82%, 46%
HSV	201°, 90%, 84%
XYZ	22.8806, 25.8819, 67.4081
YIQ	116.9640, -96.6030, -5.8750

Conversions

Conversions Part 2

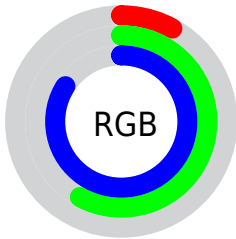
Format	Color
RYB	21, 97, 214
Decimal	1414102
CIELab	57.92, -7.60, -43.00
CIELCh	58, 43.667, 259.972
Yxy	25.8819, 0.1970, 0.2228
Android (android.graphics.Color)	4279604182 (0xFF1593D6)
YUV	116.9640, 47.8387, -84.1604
Hunter-Lab	50.8743, -8.7500, -42.9469

Details

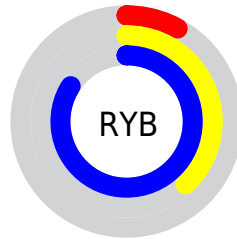
The Hex color **1593D6** is a dark color, and the websafe version is hex **3399CC**. The color can be described as dark washed azure. A complement of this color would be **D65815**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **6AC9FF**, and **00619F** is the 20% darker color. If you saturate the color by 10%, you get **008CD6**, and if you desaturate by 10%, it is **2A9AD6**.

Distribution



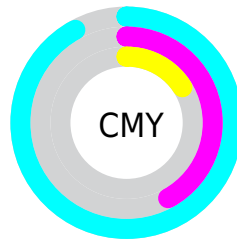
- Red (8%)
- Green (58%)
- Blue (84%)



- Red (8%)
- Yellow (38%)
- Blue (84%)



- Cyan (90%)
- Magenta (31%)
- Yellow (0%)
- Black (16%)



- Cyan (92%)
- Magenta (42%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1593D6 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 1593D6 by changing the saturation by 10% instead.

1593D6

1593D6

FFFFFF

0079BA

6AC9FF

00619F

8AE5FF

004984

A9FFFF

00336B

C8FFFF

001F52

E6FFFF

00063B

000224

00000C

000000

■ 1593D6

■ 1593D6

■ 008CD6

■ 2A9AD6

■ 40A2D6

■ 55A9D6

■ 6BB1D6

■ 80B8D6

■ 95C0D6

■ ABC7D6

■ C0CED6

■ D6D6D6

Harmonies

Analogous

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



009BC5



1593D6



7986D3

Triad

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



1593D6



D36C73



5C9958

Complementary

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



1593D6



D65815

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.



899140



1593D6



C77752

Square

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



1593D6



CB6C9A



AD853E



049E7D

Rectangle

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



1593D6



9F7CC6



AD853E



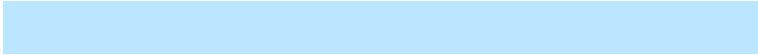
6C974E

Sweetspot

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



1593D6



BAE7FF



15D655



577180



000000



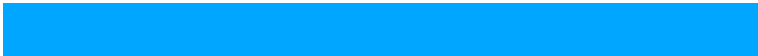
808080

Same Dimension

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



1593D6



00A6FF



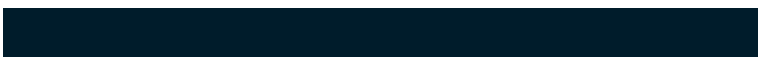
1535D6



60676B



0070AB



001C2B

Inverse Universe

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



D61593



FF00A6



D6B615



6B6067



AB0070



2B001C

Previews

White Background



This preview shows how the Hex color 1593D6 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 1593D6 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

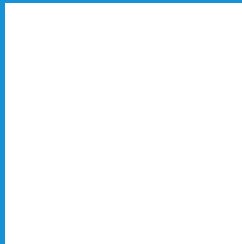
Any Text WCAG AAA × Fail

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

Hex 1593D6 Background



This preview shows how black text looks on a background with the Hex color 1593D6.

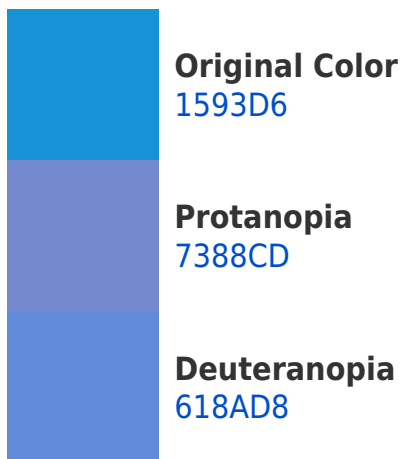


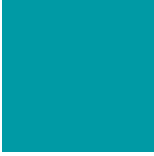
This preview shows how white text looks on a background with the Hex color 1593D6.

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](#).

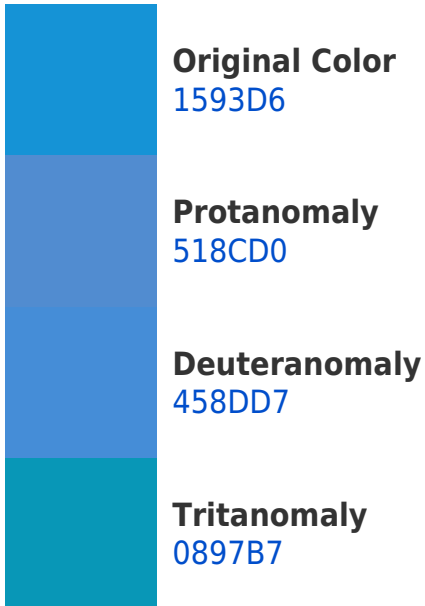
Dichromacy



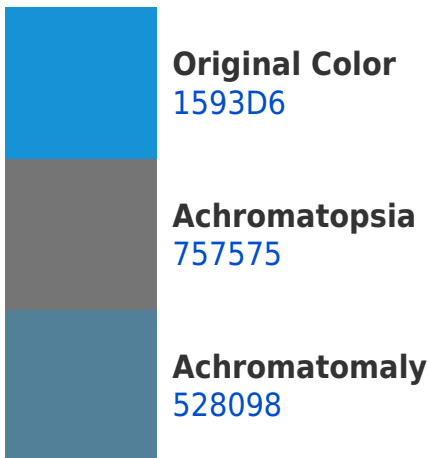


Tritanopia
009AA5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 1593D6 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 #1593D6 looks like.

```
.text, #text, p{  
    color:#1593D6  
}
```

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 #1593D6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1593D6
}
```

Border

The CSS property to change the border of an element to Hex 1593D6 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
#1593D6 }
```

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

```
.border{ border-color:#1593D6 }
```

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

Here you see how a box with a 4 pixel #1593D6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1593D6; -webkit-box-shadow:4px 4px  
4px 4px #1593D6; box-shadow:4px 4px 4px  
4px #1593D6 }
```

Background

The CSS property to change the background color of an element to Hex 1593D6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1593D6 }
```

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

```
.background{ background-color:#1593D6 }
```

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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