

Converting Colors

Hex(1D5799)

Have a look what the booklet for
Hex(1D5799) contains.

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Color

Hex(1D5799)

Conversions

Conversions Part 1

Format	Color
Hex	1D5799
RGB	29, 87, 153
RGB Percent	11%, 34%, 60%
CMY	0.8863, 0.6588, 0.4000
CMYK	0.81, 0.43, 0.00, 0.40
HSL	212°, 68%, 36%
HSV	212°, 81%, 60%
XYZ	9.6647, 9.3775, 31.4376
YIQ	77.1820, -55.7540, 8.2300

Conversions

Conversions Part 2

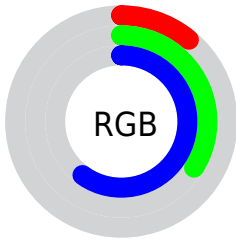
Format	Color
R_{YB}	29, 69, 153
Decimal	1922969
CIE _{Lab}	36.70, 6.21, -41.32
CIE _{LCh}	37, 41.789, 278.551
Yxy	9.3775, 0.1915, 0.1858
Android (android.graphics.Color)	4280113049 (0xFF1D5799)
YUV	77.1820, 37.3783, -42.2556
Hunter-Lab	30.6227, 2.7456, -39.4319

Details

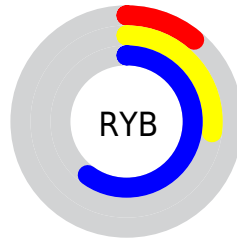
The Hex color **1D5799** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **995F1D**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **5E88D0**, and **002B65** is the 20% darker color. If you saturate the color by 10%, you get **0E4F99**, and if you desaturate by 10%, it is **2C5F99**.

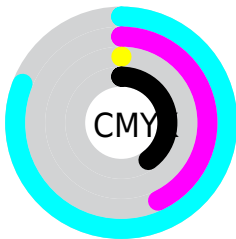
Distribution



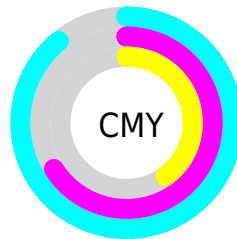
- Red (11%)
- Green (34%)
- Blue (60%)



- Red (11%)
- Yellow (27%)
- Blue (60%)



- Cyan (81%)
- Magenta (43%)
- Yellow (0%)
- Black (40%)



- Cyan (89%)
- Magenta (66%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1D5799 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 1D5799 by changing the saturation by 10% instead.

■ 1D5799

■ 1D5799

FFFFFF

■ 00407F

■ 5E88D0

■ 002B65

■ 7BA2EC

■ 00174D

■ 97BDFF

■ 000536

■ B4D9FF

■ 00021F

■ D1F5FF

■ 000003

■ EEEFFF

■ 000000

■ 1D5799

■ 1D5799

■ 0E4F99

■ 2C5F99

■ 004899

■ 3C6799

■ 4B6F99

■ 5A7899

■ 6A8099

■ 798899

■ 889099

■ 979899

■ A7A099

Harmonies

Analogous

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



006095



1D5799



64498B

Triad

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



1D5799



8E3E2E



00653C

Complementary

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



1D5799



995F1D

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.



3A601E



1D5799



7B4C14

Square

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



1D5799



93364E



5F580A



00665F

Rectangle

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



1D5799



7D3F7A



5F580A



136331

Sweetspot

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



1D5799



97ADC7



1D995D



475463



E3E3E3



636363

Same Dimension

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



1D5799



0660C7



1F1D99



45484D



00428C



00060D

Inverse Universe

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



991D57



C70660



97991D



4D4548



8C0042



0D0006

Previews

White Background



This preview shows how the Hex color 1D5799 looks on a white background.

Color Contrast Check

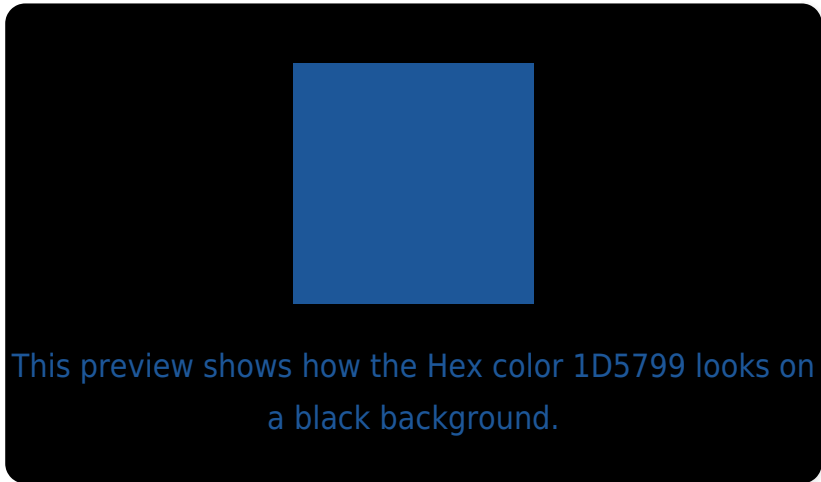
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

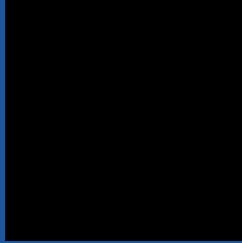
Any Text WCAG AA × Fail

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 1D5799 Background



This preview shows how black text looks on a background with the Hex color 1D5799.

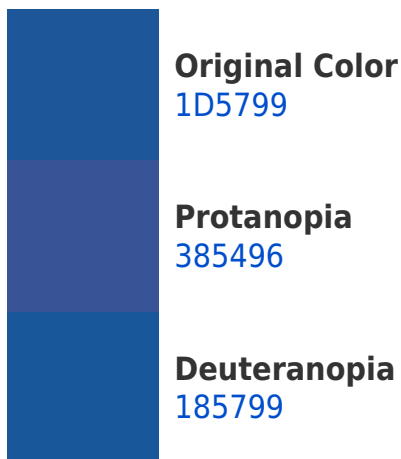


This preview shows how white text looks on a background with the Hex color 1D5799.

Color Blindness Simulation

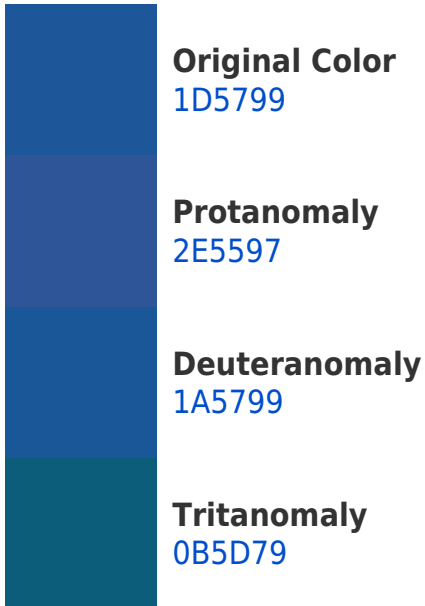
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

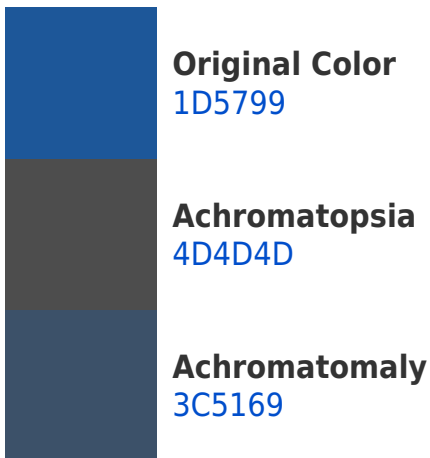




Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 1D5799 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 #1D5799 looks like.

```
.text, #text, p{  
    color:#1D5799  
}
```

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 #1D5799 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1D5799
}
```

Border

The CSS property to change the border of an element to Hex 1D5799 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
#1D5799 }
```

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

```
.border{ border-color:#1D5799 }
```

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

Here you see how a box with a 4 pixel #1D5799 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1D5799; -webkit-box-shadow:4px 4px  
4px 4px #1D5799; box-shadow:4px 4px 4px  
4px #1D5799 }
```

Background

The CSS property to change the background color of an element to Hex 1D5799 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1D5799 }
```

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

```
.background{ background-color:#1D5799 }
```

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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