

Converting Colors

Hex(5794DE)

Have a look what the booklet for
Hex(5794DE) contains.

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Color

Hex(5794DE)

Conversions

Conversions Part 1

Format	Color
Hex	5794DE
RGB	87, 148, 222
RGB Percent	34%, 58%, 87%
CMY	0.6588, 0.4196, 0.1294
CMYK	0.61, 0.33, 0.00, 0.13
HSL	213°, 67%, 61%
HSV	213°, 61%, 87%
XYZ	27.7052, 28.4800, 73.1442
YIQ	138.1970, -60.1100, 10.0820

Conversions

Conversions Part 2

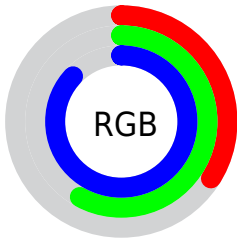
Format	Color
R _Y B	87, 129, 222
Decimal	5739742
CIE Lab	60.32, 2.56, -43.57
CIE LCh	60, 43.650, 273.357
Yxy	28.4800, 0.2142, 0.2202
Android (android.graphics.Color)	4283929822 (0xFF5794DE)
YUV	138.1970, 41.3149, -44.8998
Hunter-Lab	53.3666, -0.7236, -43.9061

Details

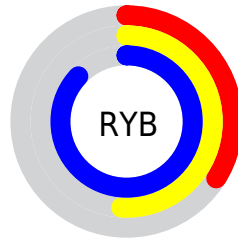
The Hex color **5794DE** is a light color, and the websafe version is hex **6699CC**. The color can be described as light muted azure. A complement of this color would be **DEA157**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **93CAFF**, and **0062A6** is the 20% darker color. If you saturate the color by 10%, you get **4188DE**, and if you desaturate by 10%, it is **6DA0DE**.

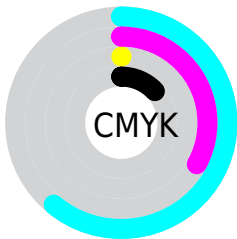
Distribution



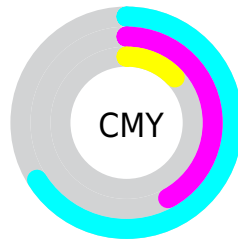
- Red (34%)
- Green (58%)
- Blue (87%)



- Red (34%)
- Yellow (51%)
- Blue (87%)



- Cyan (61%)
- Magenta (33%)
- Yellow (0%)
- Black (13%)



- Cyan (66%)
- Magenta (42%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5794DE 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 5794DE by changing the saturation by 10% instead.

■ 5794DE

■ 5794DE

FFFFFF

■ 367AC2

■ 93CAFF

■ 0062A6

■ B0E6FF

■ 004A8C

■ CEFFFF

■ 003472

■ ECFFFF

■ 002059

■ 000641

■ 00032A

■ 000114

■ 000000

■ 5794DE

■ 5794DE

■ 4188DE

■ 6DA0DE

■ 2B7CDE

■ 83ACDE

■ 146FDE

■ 9AB9DE

■ 0064DE

■ B0C5DE

■ C6D1DE

■ DCDDDE

■ F2E9DE

■ FFF5DE

■ FFFFDE

Harmonies

Analogous

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



009ED5



5794DE



9A86D2

Triad

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



5794DE



D77669



49A26D

Complementary

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



5794DE



DEA157

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.



7C9C4F



5794DE



C4834D

Square

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



5794DE



D9718F



A49142



00A595

Rectangle

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



5794DE



B97CC0



A49142



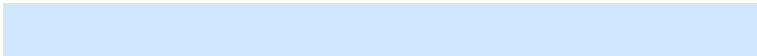
5DA062

Sweetspot

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



5794DE



D1E6FF



57DE9F



637080



000000



808080

Same Dimension

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



5794DE



4599FF



5B57DE



656A70



0050B0



001630

Inverse Universe

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



DE5794



FF4599



DADE57



70656A



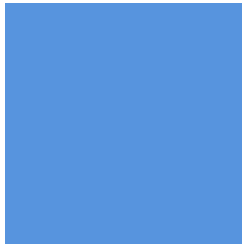
B00050



300016

Previews

White Background



This preview shows how the Hex color 5794DE looks on a white background.

Color Contrast Check

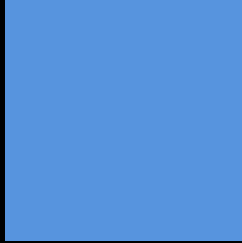
Large Text (above 18pt) WCAG AA ✓ Pass

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 5794DE looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

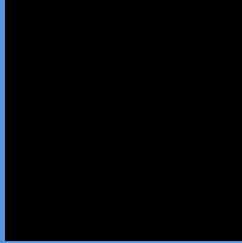
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

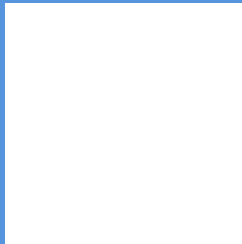
Any Text WCAG AAA × Fail

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

Hex 5794DE Background



This preview shows how black text looks on a background with the Hex color 5794DE.



This preview shows how white text looks on a background with the Hex color 5794DE.

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](#).

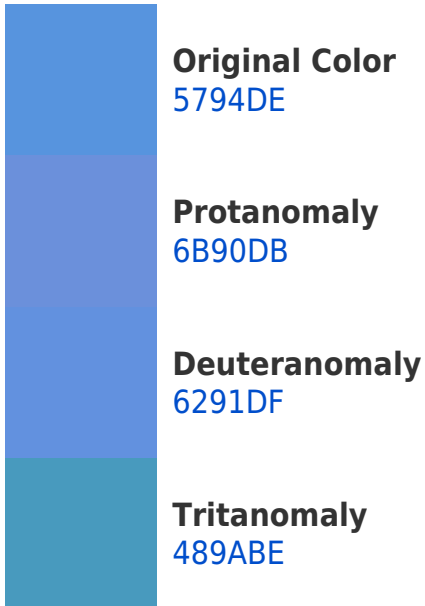
Dichromacy



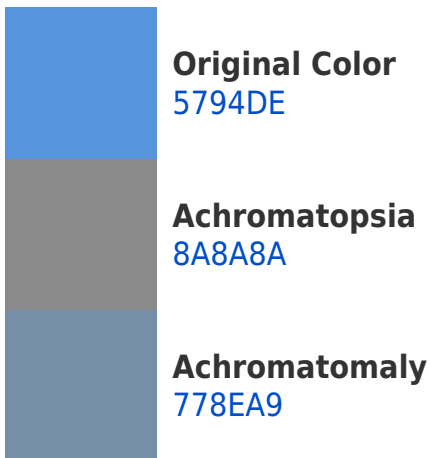


Tritanopia
3F9EAB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5794DE 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 #5794DE looks like.

```
.text, #text, p{  
    color:#5794DE  
}
```

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 #5794DE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5794DE
}
```

Border

The CSS property to change the border of an element to Hex 5794DE 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
#5794DE }
```

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

```
.border{ border-color:#5794DE }
```

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

Here you see how a box with a 4 pixel #5794DE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5794DE; -webkit-box-shadow:4px 4px  
4px 4px #5794DE; box-shadow:4px 4px 4px  
4px #5794DE }
```

Background

The CSS property to change the background color of an element to Hex 5794DE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5794DE }
```

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

```
.background{ background-color:#5794DE }
```

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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