

Converting Colors

Hex(7593D9)

Have a look what the booklet for
Hex(7593D9) contains.

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Color

Hex(7593D9)

Conversions

Conversions Part 1

Format	Color
Hex	7593D9
RGB	117, 147, 217
RGB Percent	46%, 58%, 85%
CMY	0.5412, 0.4235, 0.1490
CMYK	0.46, 0.32, 0.00, 0.15
HSL	222°, 57%, 65%
HSV	222°, 46%, 85%
XYZ	30.2942, 29.6591, 69.7737
YIQ	146.0100, -40.3500, 15.4100

Conversions

Conversions Part 2

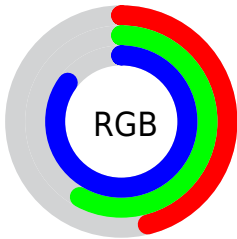
Format	Color
RYB	117, 140, 217
Decimal	7705561
CIELab	61.36, 8.10, -39.05
CIElCh	61, 39.881, 281.716
Yxy	29.6591, 0.2335, 0.2286
Android (android.graphics.Color)	4285895641 (0xFF7593D9)
YUV	146.0100, 34.9981, -25.4418
Hunter-Lab	54.4602, 3.9878, -37.8395

Details

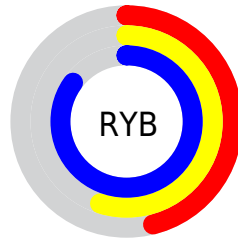
The Hex color **7593D9** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **D9BB75**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **ADC9FF**, and **3D61A2** is the 20% darker color. If you saturate the color by 10%, you get **5F84D9**, and if you desaturate by 10%, it is **8BA2D9**.

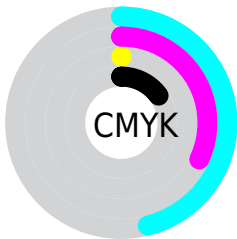
Distribution



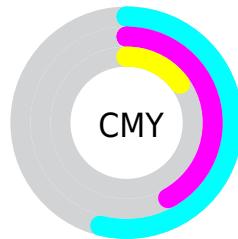
- Red (46%)
- Green (58%)
- Blue (85%)



- Red (46%)
- Yellow (55%)
- Blue (85%)



- Cyan (46%)
- Magenta (32%)
- Yellow (0%)
- Black (15%)



- Cyan (54%)
- Magenta (42%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7593D9 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 7593D9 by changing the saturation by 10% instead.

 7593D9

 7593D9

FFFFFF

 5979BD

 ADC9FF

 3D61A2

 CAE5FF

 1C4987

 E7FFFF

 00336E

 001F55

 00053D

 000327

 000110

 000000

 7593D9

 7593D9

 5F84D9

 8BA2D9

 4A75D9

 A0B1D9

 3465D9

 B6C1D9

 1E56D9

 CCD0D9

 0947D9

 E2DFD9

 0041D9

 F7EED9

 FFFDD9

 FFFFD9

Harmonies

Analogous

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



249ED6



7593D9



A986C9

Triad

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



7593D9



D27E67



46A57D

Complementary

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



7593D9



D9BB75

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.



76A05E



7593D9



BC8B51

Square

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



7593D9



D87888



9D974D



00A7A1

Rectangle

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



7593D9



C27EB6



9D974D



58A471

Sweetspot

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



7593D9



DBE6FF



75D9BB



6A7080



000000



808080

Same Dimension

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



7593D9



739DFF



8975D9



63666E



0034AD



000E2E

Inverse Universe

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



D97593



FF739D



C5D975



6E6366



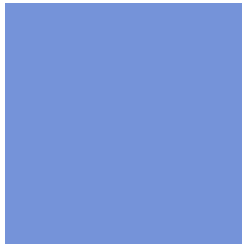
AD0034



2E000E

Previews

White Background



This preview shows how the Hex color 7593D9 looks on a white background.

Color Contrast Check

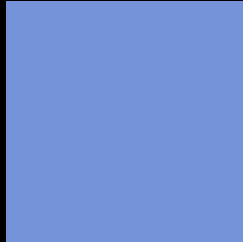
Large Text (above 18pt) WCAG AA ✓ Pass

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 7593D9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

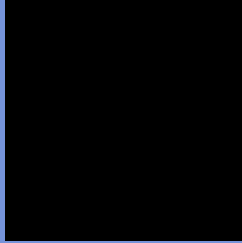
Any Text WCAG AA ✓ Pass

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 7593D9 Background



This preview shows how black text looks on a background with the Hex color 7593D9.



This preview shows how white text looks on a background with the Hex color 7593D9.

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



Original Color
7593D9

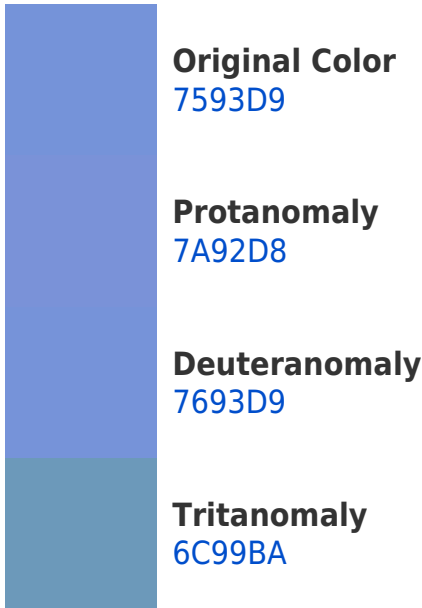
Protanopia
7D91D8

Deuteranopia
7693D9

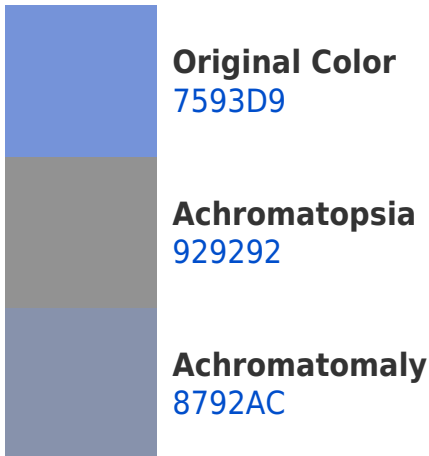


Tritanopia
679CA9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7593D9 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 #7593D9 looks like.

```
.text, #text, p{  
    color:#7593D9  
}
```

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 #7593D9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7593D9
}
```

Border

The CSS property to change the border of an element to Hex 7593D9 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
#7593D9 }
```

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

```
.border{ border-color:#7593D9 }
```

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

Here you see how a box with a 4 pixel #7593D9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7593D9; -webkit-box-shadow:4px 4px  
4px 4px #7593D9; box-shadow:4px 4px 4px  
4px #7593D9 }
```

Background

The CSS property to change the background color of an element to Hex 7593D9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7593D9 }
```

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

```
.background{ background-color:#7593D9 }
```

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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