

Converting Colors

Hex(6793D6)

Have a look what the booklet for
Hex(6793D6) contains.

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Color

Hex(6793D6)

Conversions

Conversions Part 1

Format	Color
Hex	6793D6
RGB	103, 147, 214
RGB Percent	40%, 58%, 84%
CMY	0.5961, 0.4235, 0.1608
CMYK	0.52, 0.31, 0.00, 0.16
HSL	216°, 58%, 62%
HSV	216°, 52%, 84%
XYZ	28.1648, 28.6060, 67.6554
YIQ	141.4820, -47.7310, 11.5090

Conversions

Conversions Part 2

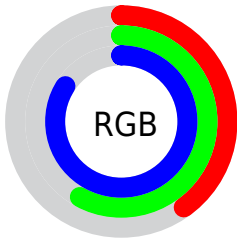
Format	Color
R_{YB}	103, 135, 214
Decimal	6788054
CIE _{Lab}	60.43, 3.89, -38.88
CIE _{LCh}	60, 39.079, 275.719
Yxy	28.6060, 0.2264, 0.2299
Android (android.graphics.Color)	4284978134 (0xFF6793D6)
YUV	141.4820, 35.7514, -33.7487
Hunter-Lab	53.4846, 0.3995, -37.5597

Details

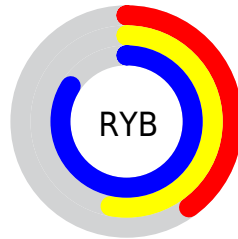
The Hex color **6793D6** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **D6AA67**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **A0C9FF**, and **2A619F** is the 20% darker color. If you saturate the color by 10%, you get **5286D6**, and if you desaturate by 10%, it is **7CA0D6**.

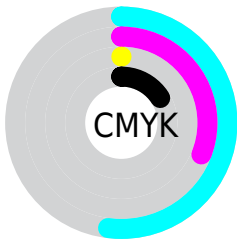
Distribution



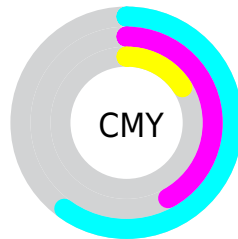
- Red (40%)
- Green (58%)
- Blue (84%)



- Red (40%)
- Yellow (53%)
- Blue (84%)



- Cyan (52%)
- Magenta (31%)
- Yellow (0%)
- Black (16%)



- Cyan (60%)
- Magenta (42%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6793D6 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 6793D6 by changing the saturation by 10% instead.

■ 6793D6

■ 6793D6

FFFFFF

■ 4A79BA

■ A0C9FF

■ 2A619F

■ BDE5FF

■ 004984

■ DAFFFF

■ 00336B

■ F7FFFF

■ 001F52

■ 00043B

■ 000224

■ 00000C

■ 000000

■ 6793D6

■ 6793D6

■ 5286D6

■ 7CA0D6

■ 3C79D6

■ 92ADD6

■ 276CD6

■ A7BAD6

■ 115FD6

■ BDC7D6

■ 0055D6

■ D2D4D6

■ E7E1D6

■ FDEDD6

■ FFFAD6

■ FFFFD6

Harmonies

Analogous

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



019DD0



6793D6



9E86CA

Triad

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



6793D6



D07B6B



50A174

Complementary

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



6793D6



D6AA67

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.



7C9B58



6793D6



BE8653

Square

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



6793D6



D3768C



A1924C



00A497

Rectangle

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



6793D6



B87EB9



A1924C



60A06A

Sweetspot

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



6793D6



D6E6FF



67D6AA



677180



000000



808080

Same Dimension

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



6793D6



61A0FF



7267D6



60656B



0044AB



00112B

Inverse Universe

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



D66793



FF61A0



CBD667



6B6065



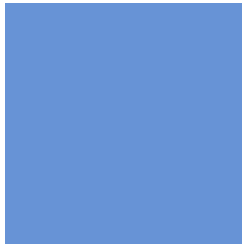
AB0044



2B0011

Previews

White Background



This preview shows how the Hex color 6793D6 looks on a white background.

Color Contrast Check

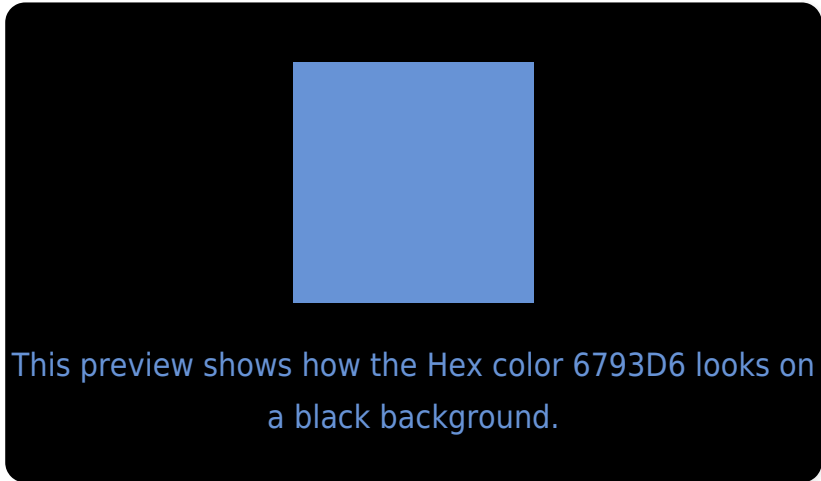
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

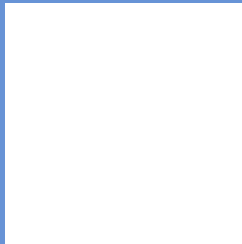
Any Text WCAG AAA × Fail

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

Hex 6793D6 Background



This preview shows how black text looks on a background with the Hex color 6793D6.

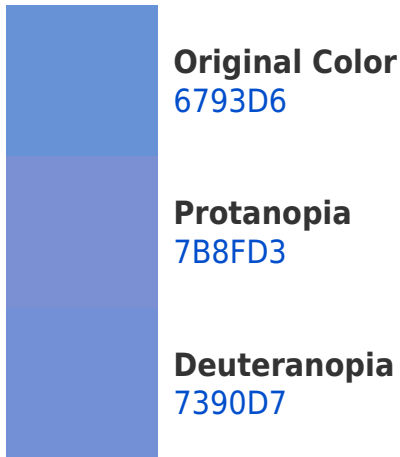


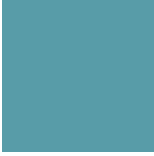
This preview shows how white text looks on a background with the Hex color 6793D6.

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](#).

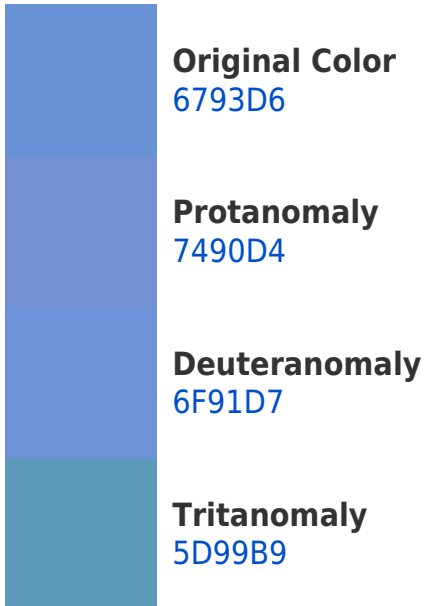
Dichromacy



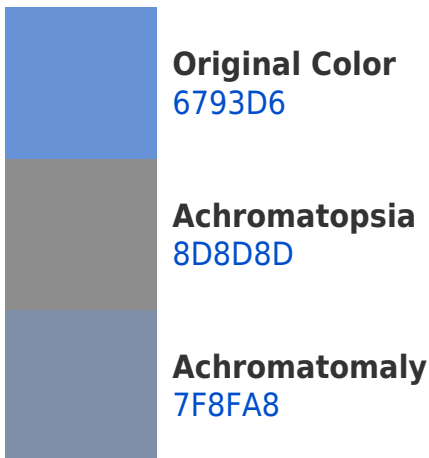


Tritanopia
589CA8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6793D6 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 #6793D6 looks like.

```
.text, #text, p{  
    color:#6793D6  
}
```

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 #6793D6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6793D6
}
```

Border

The CSS property to change the border of an element to Hex 6793D6 is called "border". The border property can be set on classes, ids or directly on the HTML element.

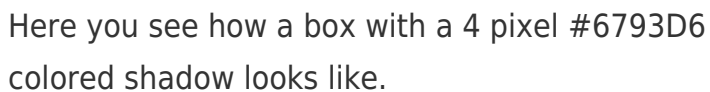
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6793D6 }
```

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

```
.border{ border-color:#6793D6 }
```

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



Here you see how a box with a 4 pixel #6793D6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6793D6; -webkit-box-shadow:4px 4px  
4px 4px #6793D6; box-shadow:4px 4px 4px  
4px #6793D6 }
```

Background

The CSS property to change the background color of an element to Hex 6793D6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6793D6 }
```

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

```
.background{ background-color:#6793D6 }
```

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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