

Converting Colors

Hex(5097DD)

Have a look what the booklet for
Hex(5097DD) contains.

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Color

Hex(5097DD)

Conversions

Conversions Part 1

Format	Color
Hex	5097DD
RGB	80, 151, 221
RGB Percent	31%, 59%, 87%
CMY	0.6863, 0.4078, 0.1333
CMYK	0.64, 0.32, 0.00, 0.13
HSL	210°, 67%, 59%
HSV	210°, 64%, 87%
XYZ	27.4260, 29.0591, 72.5701
YIQ	137.7510, -64.7860, 6.7180

Conversions

Conversions Part 2

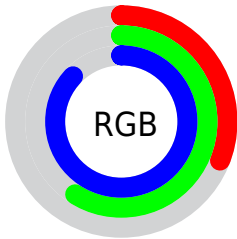
Format	Color
RYB	80, 127, 221
Decimal	5281757
CIELab	60.83, -0.78, -42.23
CIELCh	61, 42.236, 268.947
Yxy	29.0591, 0.2125, 0.2252
Android (android.graphics.Color)	4283471837 (0xFF5097DD)
YUV	137.7510, 41.0418, -50.6476
Hunter-Lab	53.9065, -3.5210, -42.0828




Details

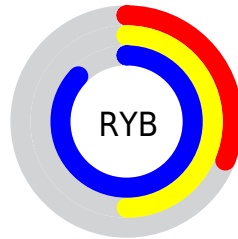
The Hex color **5097DD** is a light color, and the websafe version is hex **6699CC**. The color can be described as light muted azure. A complement of this color would be **DD9650**, and the grayscale version is **898989**.




A 20% lighter version of the original color is **8DCDFF**, and **0065A5** is the 20% darker color. If you saturate the color by 10%, you get **3A8CDD**, and if you desaturate by 10%, it is **66A2DD**.

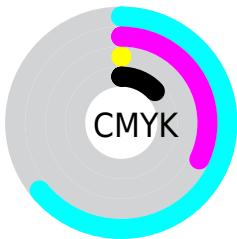
Distribution







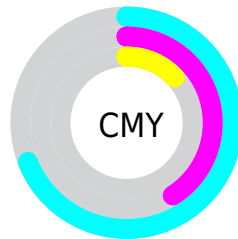
-  Red (31%)
-  Green (59%)
-  Blue (87%)






-  Red (31%)
-  Yellow (50%)
-  Blue (87%)



-  Cyan (64%)
-  Magenta (32%)
-  Yellow (0%)
-  Black (13%)



-  Cyan (69%)
-  Magenta (41%)
-  Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5097DD 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 5097DD by changing the saturation by 10% instead.

■ 5097DD

■ 5097DD

FFFFFF

■ 2C7DC1

■ 8DCDFF

■ 0065A5

■ ABE9FF

■ 004D8B

■ C8FFFF

■ 003771

■ E6FFFF

■ 002258

■ 000A40

■ 00032A

■ 000114

■ 000000

■ 5097DD

■ 5097DD

■ 3A8CDD

■ 66A2DD

■ 2481DD

■ 7CADDD

■ 0E76DD

■ 92B8DD

■ 006FDD

■ A8C3DD

■ BFCEDD

■ D5D9DD

■ EBE4DD

■ FFEFDD

■ FFFADD

Harmonies

Analogous

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



00A1D2



5097DD



948AD4

Triad

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



5097DD



D87771



56A26B

Complementary

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



5097DD



DD9650

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.



859B4F



5097DD



C88354

Square

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



5097DD



D67496



AB9046



00A690

Rectangle

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



5097DD



B380C4



AB9046



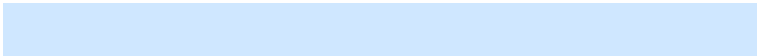
67A160

Sweetspot

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



5097DD



CFE7FF



50DD94



627180



000000



808080

Same Dimension

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



5097DD



3B9EFF



5052DD



63686E



0057AD



00172E

Inverse Universe

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



DD5097



FF3B9E



DDDB50



6E6368



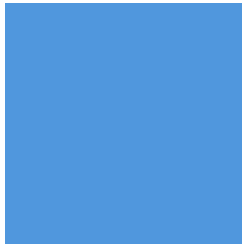
AD0057



2E0017

Previews

White Background



This preview shows how the Hex color 5097DD looks on a white background.

Color Contrast Check

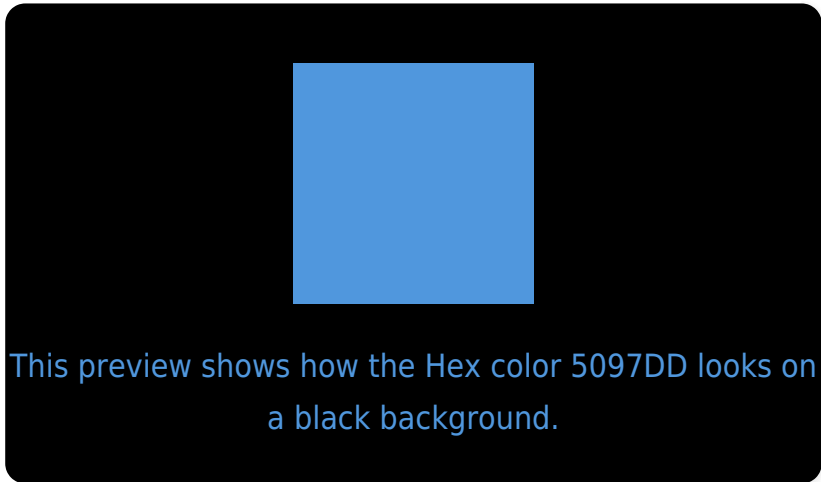
Large Text (above 18pt) WCAG AA ✓ Pass

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 5097DD Background



This preview shows how black text looks on a background with the Hex color 5097DD.

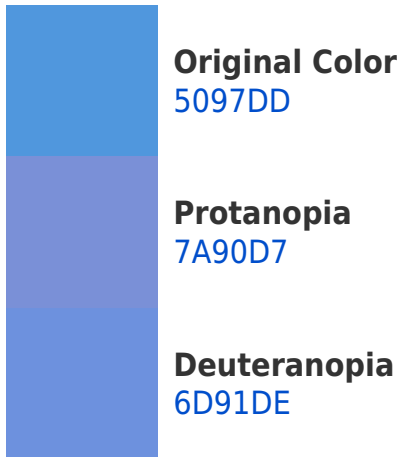


This preview shows how white text looks on a background with the Hex color 5097DD.

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](#).

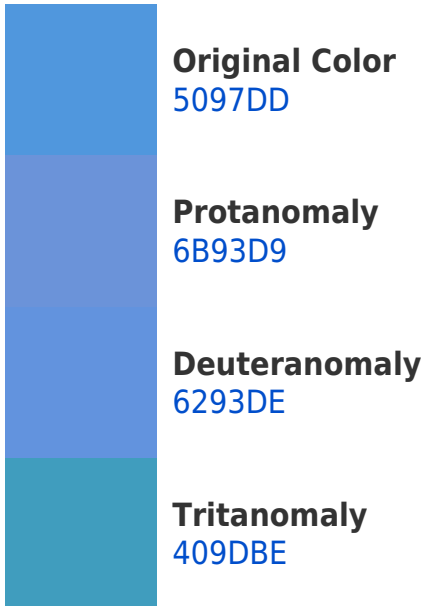
Dichromacy



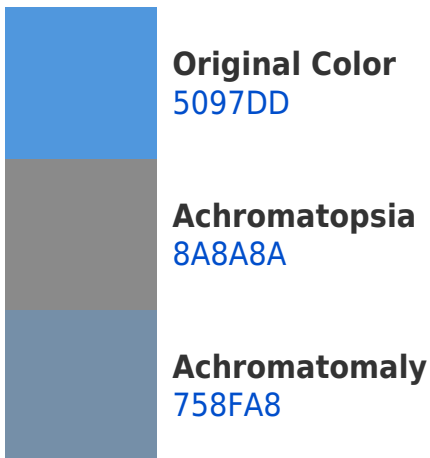


Tritanopia
37A0AD

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5097DD 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 #5097DD looks like.

```
.text, #text, p{  
    color:#5097DD  
}
```

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 #5097DD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5097DD
}
```

Border

The CSS property to change the border of an element to Hex 5097DD 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
#5097DD }
```

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

```
.border{ border-color:#5097DD }
```

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

Here you see how a box with a 4 pixel #5097DD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5097DD; -webkit-box-shadow:4px 4px  
4px 4px #5097DD; box-shadow:4px 4px 4px  
4px #5097DD }
```

Background

The CSS property to change the background color of an element to Hex 5097DD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5097DD }
```

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

```
.background{ background-color:#5097DD }
```

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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