

Converting Colors

Hex(5A96DC)

Have a look what the booklet for
Hex(5A96DC) contains.

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Color

Hex(5A96DC)

Conversions

Conversions Part 1

Format	Color
Hex	5A96DC
RGB	90, 150, 220
RGB Percent	35%, 59%, 86%
CMY	0.6471, 0.4118, 0.1373
CMYK	0.59, 0.32, 0.00, 0.14
HSL	212°, 65%, 61%
HSV	212°, 59%, 86%
XYZ	28.0411, 29.1537, 71.8594
YIQ	140.0400, -58.2300, 9.0500

Conversions

Conversions Part 2

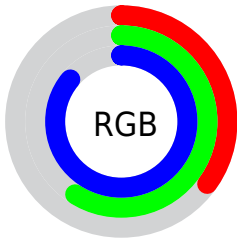
Format	Color
R_{YB}	90, 131, 220
Decimal	5936860
CIE _{Lab}	60.92, 1.32, -41.51
CIE _{LCh}	61, 41.534, 271.816
Yxy	29.1537, 0.2173, 0.2259
Android (android.graphics.Color)	4284126940 (0xFF5A96DC)
YUV	140.0400, 39.4203, -43.8851
Hunter-Lab	53.9941, -1.7884, -41.1117

Details

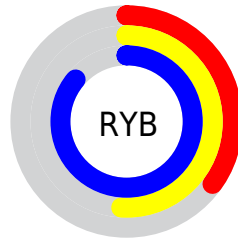
The Hex color **5A96DC** is a light color, and the websafe version is hex **6699CC**. The color can be described as light muted azure. A complement of this color would be **DCA05A**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **95CCFF**, and **0B64A5** is the 20% darker color. If you saturate the color by 10%, you get **448ADC**, and if you desaturate by 10%, it is **70A2DC**.

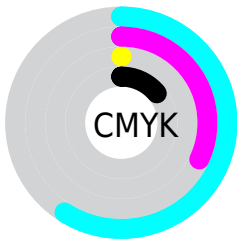
Distribution



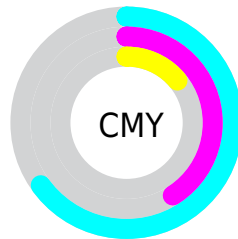
- Red (35%)
- Green (59%)
- Blue (86%)



- Red (35%)
- Yellow (51%)
- Blue (86%)



- Cyan (59%)
- Magenta (32%)
- Yellow (0%)
- Black (14%)



- Cyan (65%)
- Magenta (41%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5A96DC 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 5A96DC by changing the saturation by 10% instead.

■ 5A96DC

■ 5A96DC

FFFFFF

■ 3A7CC0

■ 95CCFF

■ 0B64A5

■ B2E8FF

■ 004C8A

■ D0FFFF

■ 003670

■ EEEFFF

■ 002157

■ 000940

■ 000329

■ 000113

■ 000000

■ 5A96DC

■ 5A96DC

■ 448ADC

■ 70A2DC

■ 2E7EDC

■ 86AEDC

■ 1872DC

■ 9CBADC

■ 0267DC

■ B2C5DC

■ 0066DC

■ C8D1DC

■ DEDDDC

■ F4E9DC

■ FFF5DC

■ FFFFDC

Harmonies

Analogous

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



00A0D3



5A96DC



9989D1

Triad

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



5A96DC



D7796E



53A36F

Complementary

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



5A96DC



DCA05A

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.



819C53



5A96DC



C58553

Square

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



5A96DC



D77592



A79248



00A694

Rectangle

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



5A96DC



B77FC1



A79248



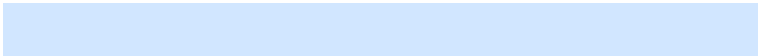
64A164

Sweetspot

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



5A96DC



D1E6FF



5ADC9F



637080



000000



808080

Same Dimension

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



5A96DC



4A9EFF



5E5ADC



63686E



0050AD



00152E

Inverse Universe

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



DC5A96



FF4A9E



D8DC5A



6E6368



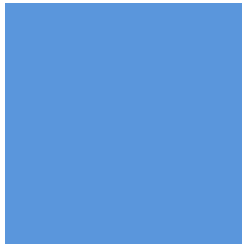
AD0050



2E0015

Previews

White Background



This preview shows how the Hex color 5A96DC 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 5A96DC looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

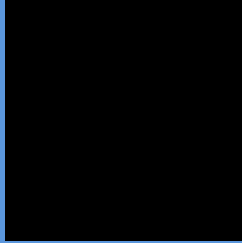
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

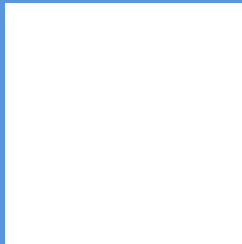
Any Text WCAG AAA × Fail

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

Hex 5A96DC Background



This preview shows how black text looks on a background with the Hex color 5A96DC.

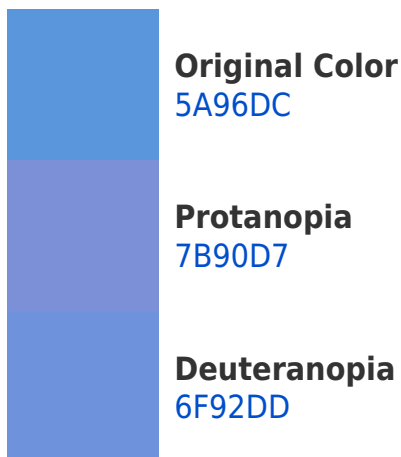


This preview shows how white text looks on a background with the Hex color 5A96DC.

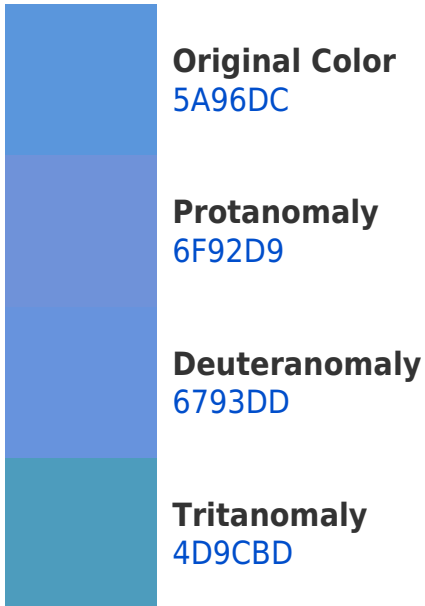
Color Blindness Simulation

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](#).

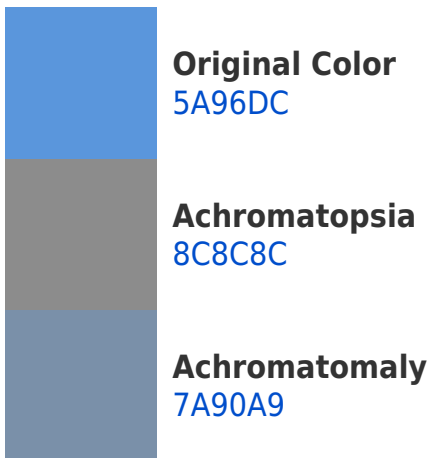
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5A96DC 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 #5A96DC looks like.

```
.text, #text, p{  
    color:#5A96DC  
}
```

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 #5A96DC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A96DC
}
```

Border

The CSS property to change the border of an element to Hex 5A96DC is called "border". The border property can be set on classes, ids or directly on the HTML element.

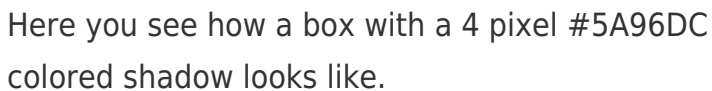
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5A96DC }
```

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

```
.border{ border-color:#5A96DC }
```

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



Here you see how a box with a 4 pixel #5A96DC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A96DC; -webkit-box-shadow:4px 4px  
4px 4px #5A96DC; box-shadow:4px 4px 4px  
4px #5A96DC }
```

Background

The CSS property to change the background color of an element to Hex 5A96DC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A96DC }
```

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

```
.background{ background-color:#5A96DC }
```

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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