

Converting Colors

Hex(5D92E1)

Have a look what the booklet for
Hex(5D92E1) contains.

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Color

Hex(5D92E1)

Conversions

Conversions Part 1

Format	Color
Hex	5D92E1
RGB	93, 146, 225
RGB Percent	36%, 57%, 88%
CMY	0.6353, 0.4275, 0.1176
CMYK	0.59, 0.35, 0.00, 0.12
HSL	216°, 69%, 62%
HSV	216°, 59%, 88%
XYZ	28.3837, 28.3212, 75.2047
YIQ	139.1590, -56.9470, 13.3330

Conversions

Conversions Part 2

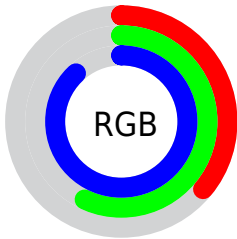
Format	Color
R _Y B	93, 131, 225
Decimal	6132449
CIE Lab	60.18, 5.85, -45.45
CIE LCh	60, 45.825, 277.338
Yxy	28.3212, 0.2152, 0.2147
Android (android.graphics.Color)	4284322529 (0xFF5D92E1)
YUV	139.1590, 42.3196, -40.4814
Hunter-Lab	53.2176, 2.0723, -46.5336

Details

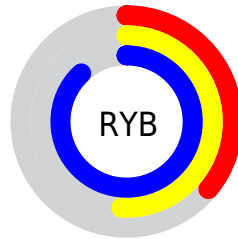
The Hex color **5D92E1** is a light color, and the websafe version is hex **6699FF**. The color can be described as light muted azure. A complement of this color would be **E1AC5D**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **98C8FF**, and **1160A9** is the 20% darker color. If you saturate the color by 10%, you get **4785E1**, and if you desaturate by 10%, it is **749FE1**.

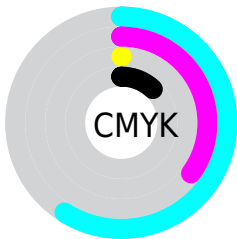
Distribution



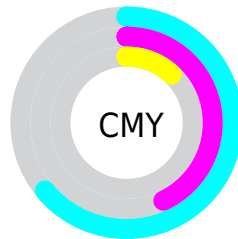
- Red (36%)
- Green (57%)
- Blue (88%)



- Red (36%)
- Yellow (51%)
- Blue (88%)



- Cyan (59%)
- Magenta (35%)
- Yellow (0%)
- Black (12%)



- Cyan (64%)
- Magenta (43%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5D92E1 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 5D92E1 by changing the saturation by 10% instead.

■ 5D92E1

■ 5D92E1

FFFFFF

■ 3D78C5

■ 98C8FF

■ 1160A9

■ B6E4FF

■ 00498E

■ D3FFFF

■ 003374

■ F1FFFF

■ 001F5B

■ 000343

■ 00032C

■ 000117

■ 000000

■ 5D92E1

■ 5D92E1

■ 4785E1

■ 749FE1

■ 3077E1

■ 8AADE1

■ 1A6AE1

■ A1BAE1

■ 035CE1

■ B7C8E1

■ 005AE1

■ CED5E1

■ E4E3E1

■ FBF0E1

■ FFFEE1

■ FFFF E1

Harmonies

Analogous

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



009EDB



5D92E1



A183D1

Triad

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



5D92E1



D87662



3AA370

Complementary

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



5D92E1



E1AC5D

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.



749D4E



5D92E1



C28446

Square

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



5D92E1



DC6F89



9F923E



00A69A

Rectangle

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



5D92E1



BF78BD



9F923E



51A164

Sweetspot

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



5D92E1



D1E4FF



5DE1AA



636F80



000000



808080

Same Dimension

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



5D92E1



4D94FF



685DE1



656970



0047B0



001330

Inverse Universe

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



E15D92



FF4D94



D6E15D



706569



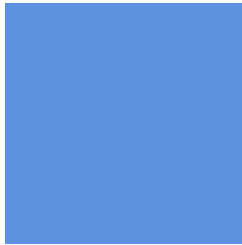
B00047



300013

Previews

White Background



This preview shows how the Hex color 5D92E1 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 5D92E1 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

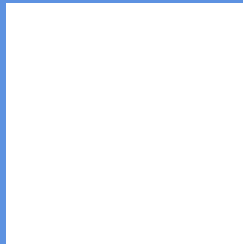
Any Text WCAG AAA × Fail

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

Hex 5D92E1 Background



This preview shows how black text looks on a background with the Hex color 5D92E1.

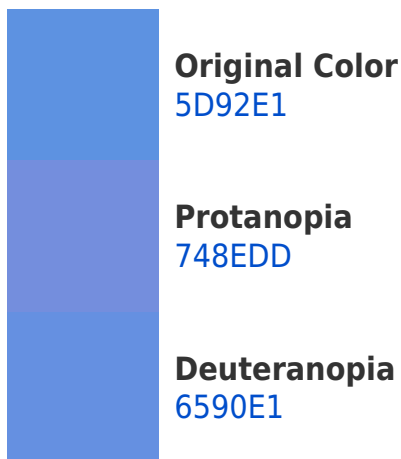


This preview shows how white text looks on a background with the Hex color 5D92E1.

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](#).

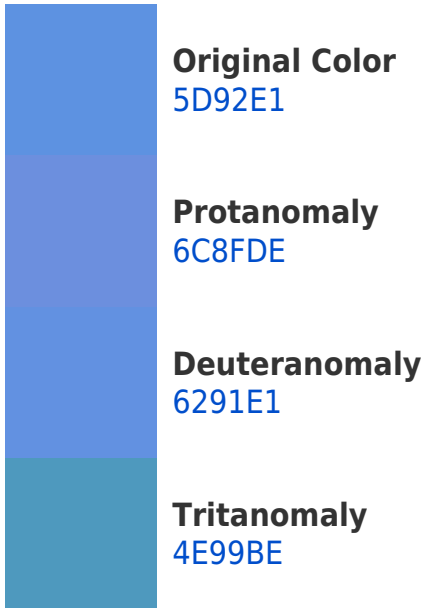
Dichromacy





Tritanopia
469DAA

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5D92E1 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 #5D92E1 looks like.

```
.text, #text, p{  
    color:#5D92E1  
}
```

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 #5D92E1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D92E1
}
```

Border

The CSS property to change the border of an element to Hex 5D92E1 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
#5D92E1 }
```

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

```
.border{ border-color:#5D92E1 }
```

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

Here you see how a box with a 4 pixel #5D92E1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D92E1; -webkit-box-shadow:4px 4px  
4px 4px #5D92E1; box-shadow:4px 4px 4px  
4px #5D92E1 }
```

Background

The CSS property to change the background color of an element to Hex 5D92E1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D92E1 }
```

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

```
.background{ background-color:#5D92E1 }
```

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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