

Converting Colors

Hex(5F90E2)

Have a look what the booklet for
Hex(5F90E2) contains.

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Color

Hex(5F90E2)

Conversions

Conversions Part 1

Format	Color
Hex	5F90E2
RGB	95, 144, 226
RGB Percent	37%, 56%, 89%
CMY	0.6275, 0.4353, 0.1137
CMYK	0.58, 0.36, 0.00, 0.11
HSL	218°, 69%, 63%
HSV	218°, 58%, 89%
XYZ	28.4200, 27.8704, 75.8331
YIQ	138.6970, -55.5260, 15.1140

Conversions

Conversions Part 2

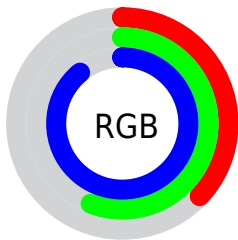
Format	Color
R_{YB}	95, 131, 226
Decimal	6263010
CIE _{Lab}	59.77, 7.75, -46.64
CIE _{LCh}	60, 47.280, 279.431
Yxy	27.8704, 0.2151, 0.2109
Android (android.graphics.Color)	4284453090 (0xFF5F90E2)
YUV	138.6970, 43.0404, -38.3223
Hunter-Lab	52.7924, 3.7062, -48.2118

Details

The Hex color **5F90E2** 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 **E2B15F**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **9AC5FF**, and **165EAA** is the 20% darker color. If you saturate the color by 10%, you get **4882E2**, and if you desaturate by 10%, it is **769EE2**.

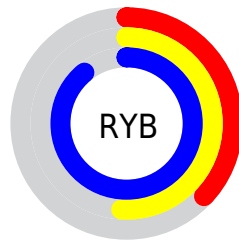
Distribution



Red (37%)

Green (56%)

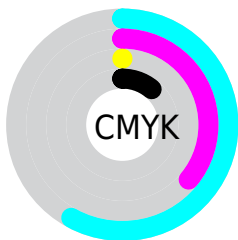
Blue (89%)



Red (37%)

Yellow (51%)

Blue (89%)

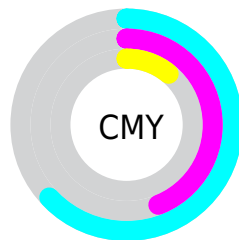


Cyan (58%)

Magenta (36%)

Yellow (0%)

Black (11%)



Cyan (63%)

Magenta (44%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5F90E2 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 5F90E2 by changing the saturation by 10% instead.

■ 5F90E2

■ 5F90E2

FFFFFF

■ 3F77C6

■ 9AC5FF

■ 165EAA

■ B7E1FF

■ 00478F

■ D5FEFF

■ 003175

■ F3FFFF

■ 001D5C

■ 000244

■ 00032D

■ 000117

■ 000000

■ 5F90E2

■ 5F90E2

■ 4882E2

■ 769EE2

■ 3274E2

■ 8CACE2

■ 1B66E2

■ A3BAE2

■ 0557E2

■ B9C9E2

■ 0055E2

■ D0D7E2

■ E7E5E2

■ FDF3E2

■ FFFFE2

Harmonies

Analogous

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



009CDD



5F90E2



A480D1

Triad

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



5F90E2



D7745D



2CA371

Complementary

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



5F90E2



E2B15F

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.



6F9D4D



5F90E2



BF8341

Square

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



5F90E2



DE6C84



9C923A



00A59C

Rectangle

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



5F90E2



C275BB



9C923A



48A164

Sweetspot

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



5F90E2



D4E4FF



5FE2B0



667080



000000



808080

Same Dimension

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



5F90E2



4D8FFF



6E5FE2



656970



0042B0



001230

Inverse Universe

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



E25F90



FF4D8F



D3E25F



706569



B00042



300012

Previews

White Background



This preview shows how the Hex color 5F90E2 looks on a white background.

Color Contrast Check

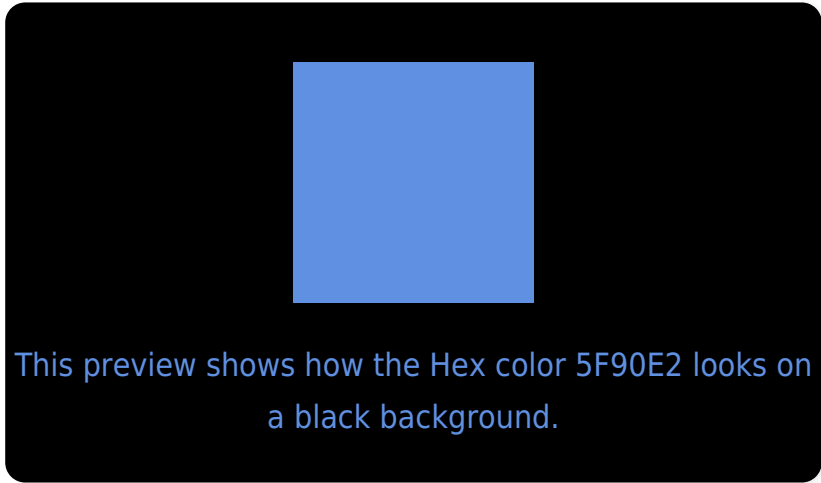
Large Text (above 18pt) WCAG AA ✓ Pass

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

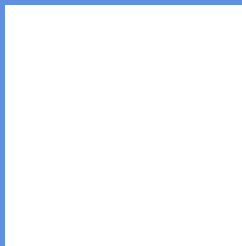
Any Text WCAG AAA × Fail

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

Hex 5F90E2 Background



This preview shows how black text looks on a background with the Hex color 5F90E2.



This preview shows how white text looks on a background with the Hex color 5F90E2.

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](#).

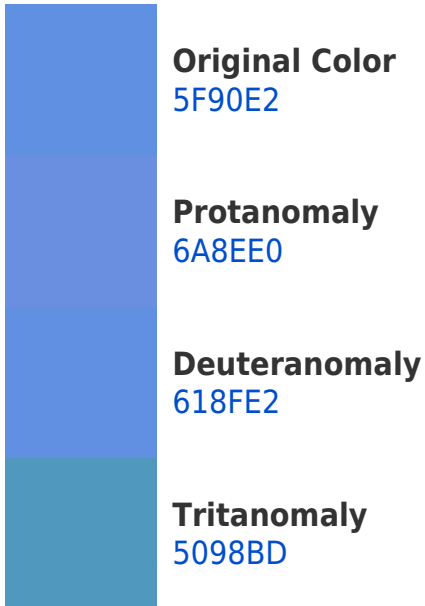
Dichromacy



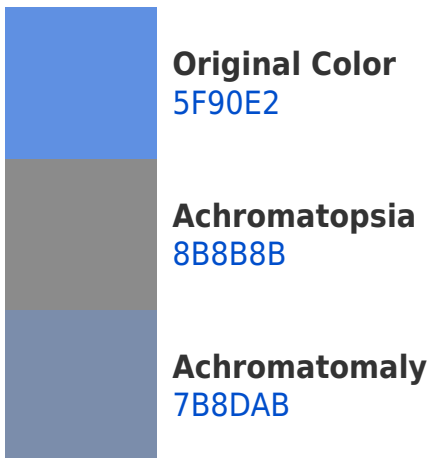


Tritanopia
479CA8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5F90E2 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 #5F90E2 looks like.

```
.text, #text, p{  
    color:#5F90E2  
}
```

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 #5F90E2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F90E2
}
```

Border

The CSS property to change the border of an element to Hex 5F90E2 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
#5F90E2 }
```

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

```
.border{ border-color:#5F90E2 }
```

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

Here you see how a box with a 4 pixel #5F90E2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F90E2; -webkit-box-shadow:4px 4px  
4px 4px #5F90E2; box-shadow:4px 4px 4px  
4px #5F90E2 }
```

Background

The CSS property to change the background color of an element to Hex 5F90E2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F90E2 }
```

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

```
.background{ background-color:#5F90E2 }
```

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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