

# Converting Colors

Hex(5E86EA)

Have a look what the booklet for  
Hex(5E86EA) contains.

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# **Color**

**Hex(5E86EA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5E86EA
RGB	94, 134, 234
RGB Percent	37%, 53%, 92%
CMY	0.6314, 0.4745, 0.0824
CMYK	0.60, 0.43, 0.00, 0.08
HSL	223°, 77%, 64%
HSV	223°, 60%, 92%
XYZ	27.9925, 25.3704, 81.2635
YIQ	133.4400, -55.9400, 22.6200

# Conversions

## Conversions Part 2

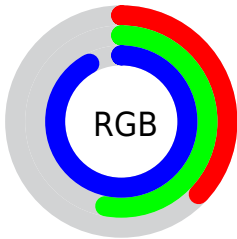
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	94, 125, 234
Decimal	6194922
CIE Lab	57.43, 16.13, -54.80
CIE LCh	57, 57.130, 286.405
Yxy	25.3704, 0.2079, 0.1885
Android (android.graphics.Color)	4284385002 (0xFF5E86EA)
YUV	133.4400, 49.5761, -34.5889
Hunter-Lab	50.3690, 11.0552, -60.3980

# Details

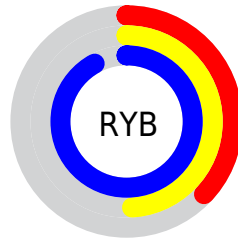
The Hex color **5E86EA** is a light color, and the websafe version is hex **6699FF**. The color can be described as light muted azure. A complement of this color would be **EAC25E**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **9ABBFF**, and **0B55B2** is the 20% darker color. If you saturate the color by 10%, you get **4775EA**, and if you desaturate by 10%, it is **7597EA**.

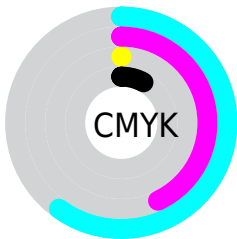
# Distribution



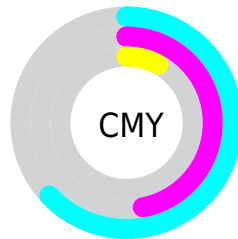
- Red (37%)
- Green (53%)
- Blue (92%)



- Red (37%)
- Yellow (49%)
- Blue (92%)



- Cyan (60%)
- Magenta (43%)
- Yellow (0%)
- Black (8%)



- Cyan (63%)
- Magenta (47%)
- Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5E86EA 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 5E86EA by changing the saturation by 10% instead.



■ 5E86EA

■ 5E86EA

FFFFFF

■ 3D6DCD

■ 9ABBF

■ 0B55B2

■ B8D6FF

■ 003E96

■ D6F3FF

■ 00297C

■ F4FFFF

■ 001762

■ 00054A

■ 000432

■ 00021C

■ 000000

■ 5E86EA

■ 5E86EA

■ 4775EA

■ 7597EA

■ 2F65EA

■ 8DA7EA

■ 1854EA

■ A4B8EA

■ 0043EA

■ BCC9EA

■ D3DAEA

■ EAEAEA

■ FFFBEA

■ FFFFEA

# Harmonies

## Analogous

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



0096EB



5E86EA



AF71CF

# Triad

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



5E86EA



D76B43



00A071

# Complementary

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



5E86EA



EAC25E

# 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.



4F9B41



5E86EA



B77F21

# Square

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



5E86EA



E55C71



8A901E



00A2A5

# Rectangle

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



5E86EA



CE63B3



8A901E



009F60



# Sweetspot

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



5E86EA



D1DEFF



5EEAC0



636B80



000000



808080



# Same Dimension

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



5E86EA



477CFF



7A5EEA



6A6D75



0034B5



000F36



# Inverse Universe

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



EA5E86



FF477C



CEEA5E



756A6D



B50034

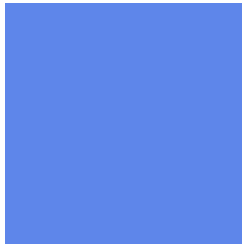


36000F



# Previews

## White Background



This preview shows how the Hex color 5E86EA looks on a white background.

## Color Contrast Check

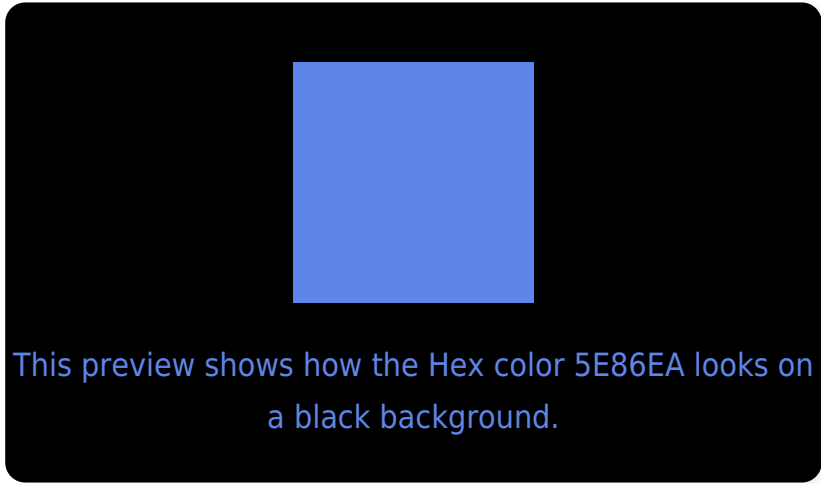
Large Text (above 18pt) WCAG AA ✓ Pass

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

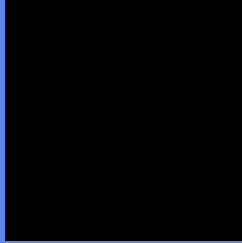
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 5E86EA Background



This preview shows how black text looks on a background with the Hex color 5E86EA.



This preview shows how white text looks on a background with the Hex color 5E86EA.

# 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](#).

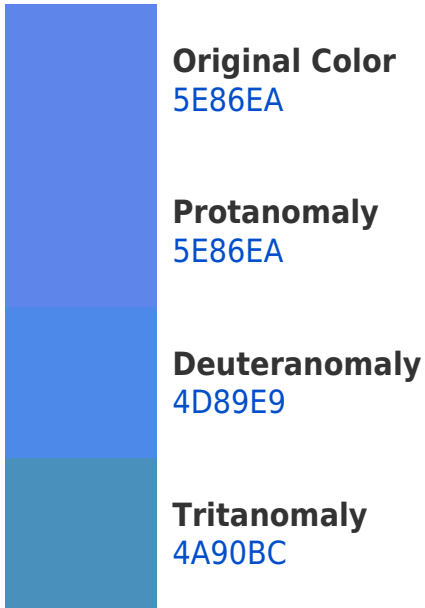
## Dichromacy





**Tritanopia**  
3E96A2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5E86EA 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 #5E86EA looks like.

```
.text, #text, p{  
    color:#5E86EA  
}
```

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 #5E86EA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E86EA
}
```

## Border

The CSS property to change the border of an element to Hex 5E86EA 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
#5E86EA }
```

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

```
.border{ border-color:#5E86EA }
```

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

Here you see how a box with a 4 pixel #5E86EA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E86EA; -webkit-box-shadow:4px 4px  
4px 4px #5E86EA; box-shadow:4px 4px 4px  
4px #5E86EA }
```

# Background

The CSS property to change the background color of an element to Hex 5E86EA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E86EA }
```

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

```
.background{ background-color:#5E86EA }
```

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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