

Converting Colors

Hex(4EA5F1)

Have a look what the booklet for
Hex(4EA5F1) contains.

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Color

Hex(4EA5F1)

Conversions

Conversions Part 1

Format	Color
Hex	4EA5F1
RGB	78, 165, 241
RGB Percent	31%, 65%, 95%
CMY	0.6941, 0.3529, 0.0549
CMYK	0.68, 0.32, 0.00, 0.05
HSL	208°, 85%, 63%
HSV	208°, 68%, 95%
XYZ	32.4742, 34.8808, 88.2402
YIQ	147.6510, -76.2480, 5.1920

Conversions

Conversions Part 2

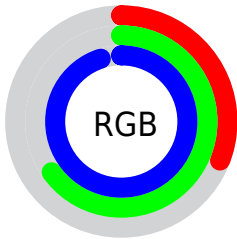
Format	Color
R_{YB}	78, 135, 241
Decimal	5154289
CIE _{Lab}	65.66, -2.42, -45.68
CIE _{LCh}	66, 45.744, 266.968
Yxy	34.8808, 0.2087, 0.2242
Android (android.graphics.Color)	4283344369 (0xFF4EA5F1)
YUV	147.6510, 46.0211, -61.0839
Hunter-Lab	59.0600, -5.2066, -47.2418

Details

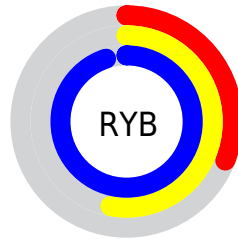
The Hex color **4EA5F1** is a light color, and the websafe version is hex **6699CC**. The color can be described as light washed azure. A complement of this color would be **F19A4E**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **8EDCFF**, and **0072B8** is the 20% darker color. If you saturate the color by 10%, you get **369AF1**, and if you desaturate by 10%, it is **66B0F1**.

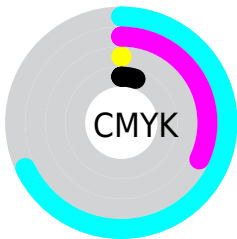
Distribution



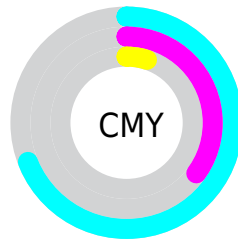
- Red (31%)
- Green (65%)
- Blue (95%)



- Red (31%)
- Yellow (53%)
- Blue (95%)



- Cyan (68%)
- Magenta (32%)
- Yellow (0%)
- Black (5%)



- Cyan (69%)
- Magenta (35%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4EA5F1 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 4EA5F1 by changing the saturation by 10% instead.

 4EA5F1

 4EA5F1

FFFFFF

 248BD4

 8EDCFF

 0072B8

 ADF8FF

 00599D

 CBFFFF


 004283

 EAFFFF

 002D69

 001951

 000539

 000223

 000009

■ 4EA5F1

■ 4EA5F1

■ 369AF1

■ 66B0F1

■ 1E8FF1

■ 7EBBF1

■ 0683F1

■ 96C7F1

■ 0081F1

■ AED2F1

■ C7DDF1

■ DFE8F1

■ F7F4F1

■ FFFFF1

Harmonies

Analogous

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



00AFE3



4EA5F1



9C96E9

Triad

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



4EA5F1



EC817D



61B071

Complementary

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



4EA5F1



F19A4E

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.



93A854



4EA5F1



DB8D5C

Square

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



4EA5F1



E97EA5



BC9C4C



00B49A

Rectangle

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



4EA5F1



C08CD8



BC9C4C



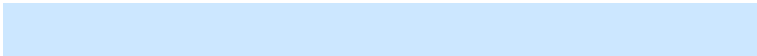
73AE66

Sweetspot

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



4EA5F1



CCE7FF



4EF197



617180



000000



808080

Same Dimension

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



4EA5F1



309FFF



4E56F1



6C7278



0062B8



001E38

Inverse Universe

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



F14EA5



FF309F



F1E94E



786C72



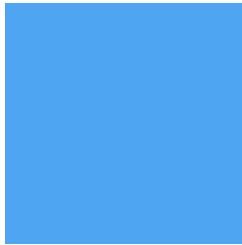
B80062



38001E

Previews

White Background



This preview shows how the Hex color 4EA5F1 looks on a white background.

Color Contrast Check

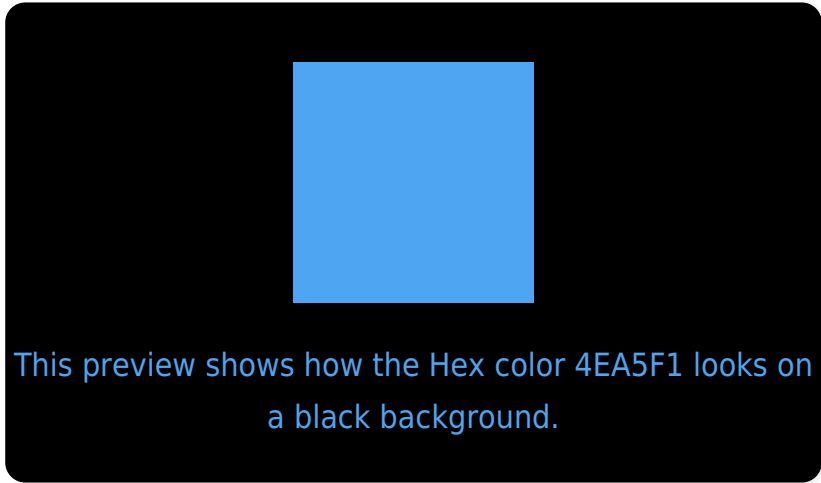
Large Text (above 18pt) WCAG AA × Fail

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

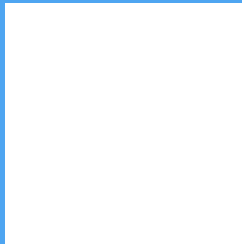
Any Text WCAG AAA ✓ Pass

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

Hex 4EA5F1 Background



This preview shows how black text looks on a background with the Hex color 4EA5F1.

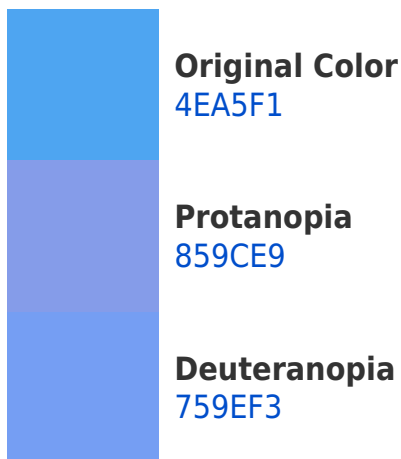


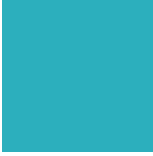
This preview shows how white text looks on a background with the Hex color 4EA5F1.

Color Blindness Simulation

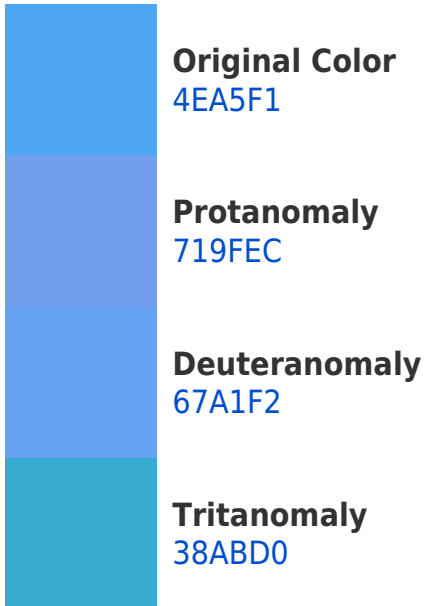
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4EA5F1 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 #4EA5F1 looks like.

```
.text, #text, p{  
    color:#4EA5F1  
}
```

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 #4EA5F1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4EA5F1
}
```

Border

The CSS property to change the border of an element to Hex 4EA5F1 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
#4EA5F1 }
```

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

```
.border{ border-color:#4EA5F1 }
```

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

Here you see how a box with a 4 pixel #4EA5F1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4EA5F1; -webkit-box-shadow:4px 4px  
4px 4px #4EA5F1; box-shadow:4px 4px 4px  
4px #4EA5F1 }
```

Background

The CSS property to change the background color of an element to Hex 4EA5F1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4EA5F1 }
```

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

```
.background{ background-color:#4EA5F1 }
```

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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