

Converting Colors

Hex(5FE578)

Have a look what the booklet for
Hex(5FE578) contains.

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Color

Hex(5FE578)

Conversions

Conversions Part 1

Format	Color
Hex	5FE578
RGB	95, 229, 120
RGB Percent	37%, 90%, 47%
CMY	0.6275, 0.1020, 0.5294
CMYK	0.59, 0.00, 0.48, 0.10
HSL	131°, 72%, 64%
HSV	131°, 59%, 90%
XYZ	36.1288, 59.8276, 27.4130
YIQ	176.5080, -44.8750, -62.3070

Conversions

Conversions Part 2

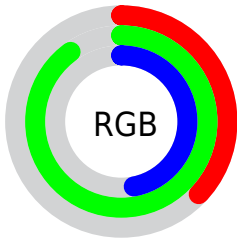
Format	Color
RYB	95, 208, 229
Decimal	6284664
CIELab	81.74, -59.12, 42.24
CIELCh	82, 72.656, 144.456
Yxy	59.8276, 0.2929, 0.4849
Android (android.graphics.Color)	4284474744 (0xFF5FE578)
YUV	176.5080, -27.8584, -71.4825
Hunter-Lab	77.3483, -51.9835, 33.1308

Details

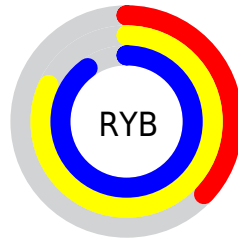
The Hex color **5FE578** is a dark color, and the websafe version is hex **33CC66**. The color can be described as middle muted spring green. A complement of this color would be **E55FCC**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **9CFFAE**, and **09AC45** is the 20% darker color. If you saturate the color by 10%, you get **48E565**, and if you desaturate by 10%, it is **76E58B**.

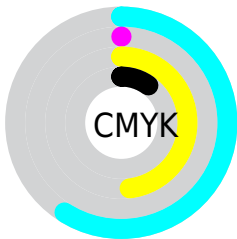
Distribution



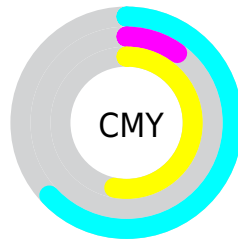
- Red (37%)
- Green (90%)
- Blue (47%)



- Red (37%)
- Yellow (82%)
- Blue (90%)



- Cyan (59%)
- Magenta (0%)
- Yellow (48%)
- Black (10%)



- Cyan (63%)
- Magenta (10%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5FE578 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 5FE578 by changing the saturation by 10% instead.

 5FE578

 5FE578

FFFFFF

 3DC85E

 9CFFAE

 09AC45

 BAFFCA

 00912B

 D8FFE6

 00760F

 F6FFFF

 005C00

 004300

 002C00

 000C00

 000000

 5FE578

 5FE578

 48E565

 76E58B

 31E553

 8DE59D

 1AE540

 A4E5B0

 03E52D

 BBE5C3

 00E52B

 D2E5D5

 E8E5E8

 FFE5FA

 FFE5FF

Harmonies

Analogous

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



B9D844



5FE578



00EBBC

Triad

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



5FE578



00D7FF



FF9197

Complementary

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



5FE578



E55FCC

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.



FF8DDB



5FE578



B6BEFF

Square

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



5FE578



00E6FF



FFA1FF



FFA95D

Rectangle

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



5FE578



00ECEB



FFA1FF



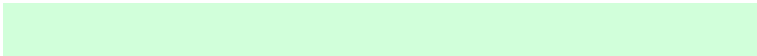
FF8DAD

Sweetspot

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



5FE578



D1FFDA



CCE55F



638069



000000



808080

Same Dimension

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



5FE578



4DFF6E



5FE5BB



677369



00B321



00330A

Inverse Universe

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



E55FCC



FF4DDE



E55F89



736771



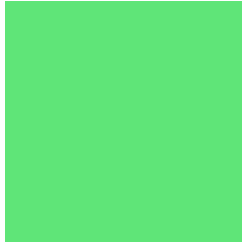
B30091



330029

Previews

White Background



This preview shows how the Hex color 5FE578 looks on a white background.

Color Contrast Check

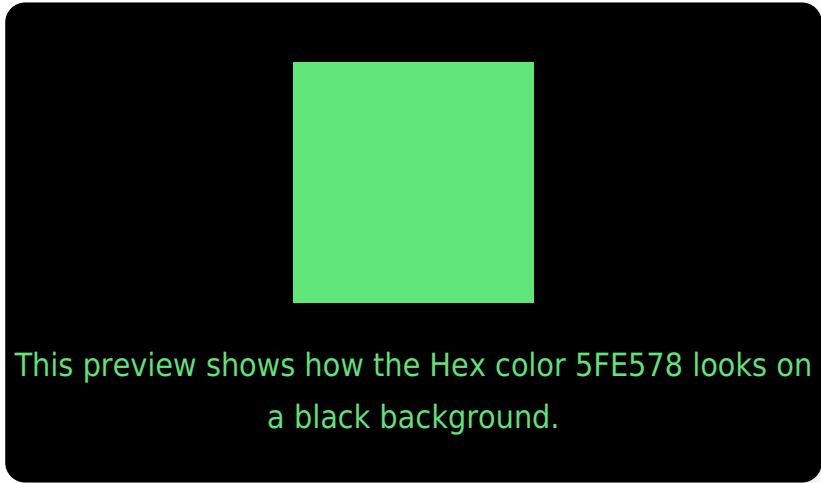
Large Text (above 18pt) WCAG AA × Fail

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

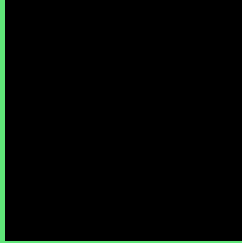
Any Text WCAG AA ✓ Pass

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 5FE578 Background



This preview shows how black text looks on a background with the Hex color 5FE578.

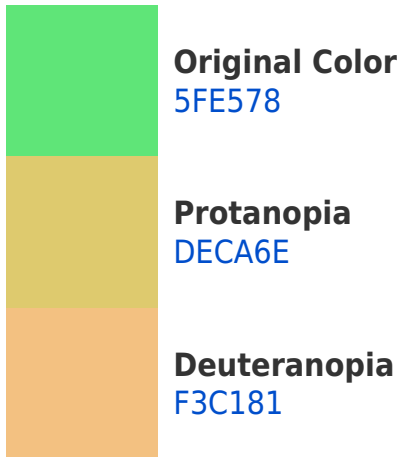


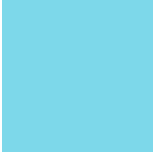
This preview shows how white text looks on a background with the Hex color 5FE578.

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
7DD8EA

Trichromacy



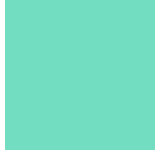
Original Color
5FE578



Protanomaly
B0D472



Deuteranomaly
BDCE7E

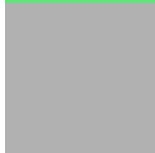


Tritanomaly
72DDC1

Monochromacy



Original Color
5FE578



Achromatopsia
B1B1B1



Achromatomaly
93C49C

CSS Examples

Text

The CSS property to change the color of the text to Hex 5FE578 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 #5FE578 looks like.

```
.text, #text, p{  
    color:#5FE578  
}
```

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 #5FE578 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5FE578
}
```

Border

The CSS property to change the border of an element to Hex 5FE578 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
#5FE578 }
```

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

```
.border{ border-color:#5FE578 }
```

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

Here you see how a box with a 4 pixel #5FE578 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5FE578; -webkit-box-shadow:4px 4px  
4px 4px #5FE578; box-shadow:4px 4px 4px  
4px #5FE578 }
```

Background

The CSS property to change the background color of an element to Hex 5FE578 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5FE578 }
```

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

```
.background{ background-color:#5FE578 }
```

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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