

Converting Colors

Hex(5FE566)

Have a look what the booklet for
Hex(5FE566) contains.

Hex(5FE566)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(5FE566)

Conversions

Conversions Part 1

Format	Color
Hex	5FE566
RGB	95, 229, 102
RGB Percent	37%, 90%, 40%
CMY	0.6275, 0.1020, 0.6000
CMYK	0.59, 0.00, 0.55, 0.10
HSL	123°, 72%, 64%
HSV	123°, 59%, 90%
XYZ	35.1369, 59.4308, 22.1898
YIQ	174.4560, -39.0970, -67.9050

Conversions

Conversions Part 2

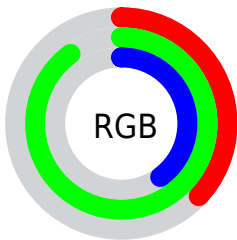
Format	Color
RYB	95, 222, 229
Decimal	6284646
CIELab	81.53, -61.53, 50.46
CIELCh	82, 79.572, 140.647
Yxy	59.4308, 0.3009, 0.5090
Android (android.graphics.Color)	4284474726 (0xFF5FE566)
YUV	174.4560, -35.7208, -69.6829
Hunter-Lab	77.0914, -53.5528, 36.8981

Details

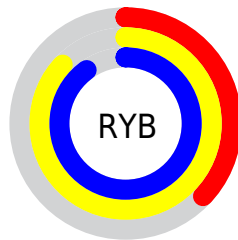
The Hex color **5FE566** is a dark color, and the websafe version is hex **33CC66**. The color can be described as middle muted spring green. A complement of this color would be **E55FDE**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **9CFF9C**, and **05AC31** is the 20% darker color. If you saturate the color by 10%, you get **48E550**, and if you desaturate by 10%, it is **76E57C**.

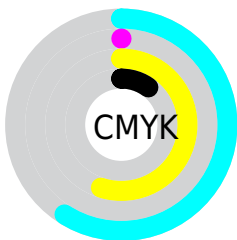
Distribution



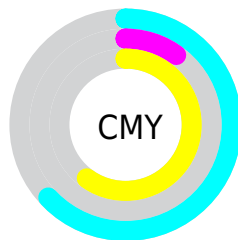
- Red (37%)
- Green (90%)
- Blue (40%)



- Red (37%)
- Yellow (87%)
- Blue (90%)



- Cyan (59%)
- Magenta (0%)
- Yellow (55%)
- Black (10%)



- Cyan (63%)
- Magenta (10%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5FE566 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 5FE566 by changing the saturation by 10% instead.

 5FE566

 5FE566

FFFFFF

 3DC84C

 9CFF9C

 05AC31

 BAFFB8

 009112

 D9FFD4

 007600

 F7FFF1

 005C00

 004300

 002C00

 000A00

 000000

 5FE566

 5FE566

 48E550

 76E57C

 31E53B

 8DE591

 1AE525

 A4E5A7

 03E50F

 BBE5BD

 00E50C

 D2E5D3

 E8E5E8

 FFE5FE

 FFE5FF

Harmonies

Analogous

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



BFD629



5FE566



00ECB0

Triad

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



5FE566



00DAFF



FF869B

Complementary

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



5FE566



E55FDE

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.



FF85E5



5FE566



9DC1FF

Square

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



5FE566



00E8FF



FFA0FF



FFA058

Rectangle

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



5FE566



00EEE4



FFA0FF



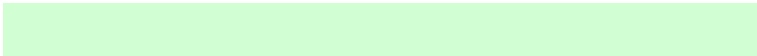
FF82B3

Sweetspot

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



5FE566



D1FFD3



DEE55F



638065



000000



808080

Same Dimension

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



5FE566



4DFF56



5FE5A9



677368



00B309



003303

Inverse Universe

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



E55FDE



FF4DF6



E55F9B



736772



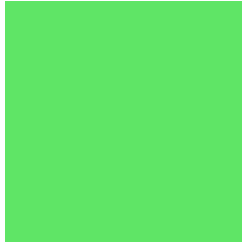
B300A9



330030

Previews

White Background



This preview shows how the Hex color 5FE566 looks on a white background.

Color Contrast Check

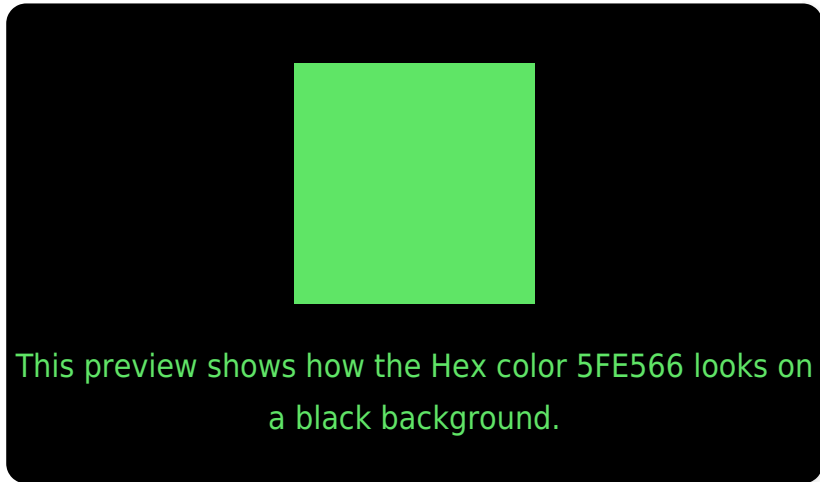
Large Text (above 18pt) WCAG AA × Fail

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

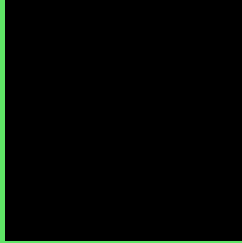
Any Text WCAG AA ✓ Pass

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 5FE566 Background



This preview shows how black text looks on a background with the Hex color 5FE566.

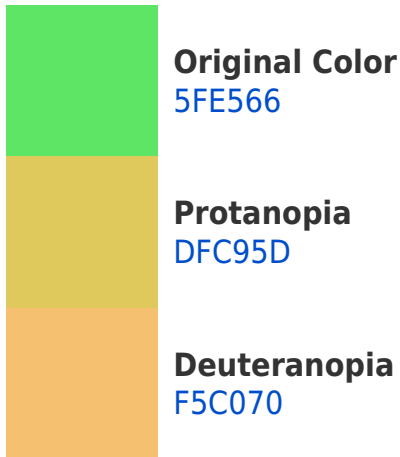


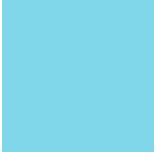
This preview shows how white text looks on a background with the Hex color 5FE566.

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
7FD7E9

Trichromacy



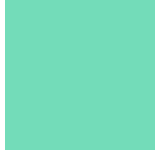
Original Color
5FE566



Protanomaly
B0D360



Deuteranomaly
BEC66C



Tritanomaly
73DCB9

Monochromacy



Original Color
5FE566



Achromatopsia
AEAEAE



Achromatomaly
91C294

CSS Examples

Text

The CSS property to change the color of the text to Hex 5FE566 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 #5FE566 looks like.

```
.text, #text, p{  
    color:#5FE566  
}
```

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 #5FE566 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5FE566
}
```

Border

The CSS property to change the border of an element to Hex 5FE566 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
#5FE566 }
```

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

```
.border{ border-color:#5FE566 }
```

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

Here you see how a box with a 4 pixel #5FE566 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5FE566; -webkit-box-shadow:4px 4px  
4px 4px #5FE566; box-shadow:4px 4px 4px  
4px #5FE566 }
```

Background

The CSS property to change the background color of an element to Hex 5FE566 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5FE566 }
```

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

```
.background{ background-color:#5FE566 }
```

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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