

Converting Colors

Hex(5FE255)

Have a look what the booklet for
Hex(5FE255) contains.

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Color

Hex(5FE255)

Conversions

Conversions Part 1

Format	Color
Hex	5FE255
RGB	95, 226, 85
RGB Percent	37%, 89%, 33%
CMY	0.6275, 0.1137, 0.6667
CMYK	0.58, 0.00, 0.62, 0.11
HSL	116°, 71%, 61%
HSV	116°, 62%, 89%
XYZ	33.5554, 57.4815, 17.9208
YIQ	170.7570, -32.8150, -71.6230

Conversions

Conversions Part 2

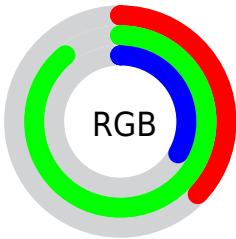
Format	Color
RYB	85, 226, 216
Decimal	6283861
CIELab	80.45, -62.35, 56.69
CIELCh	80, 84.267, 137.723
Yxy	57.4815, 0.3080, 0.5276
Android (android.graphics.Color)	4284473941 (0xFF5FE255)
YUV	170.7570, -42.2782, -66.4389
Hunter-Lab	75.8165, -53.6773, 39.0572

Details

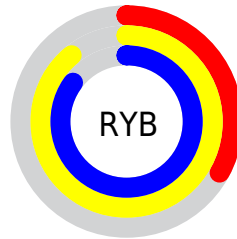
The Hex color **5FE255** is a dark color, and the websafe version is hex **33CC33**. The color can be described as middle muted green. A complement of this color would be **D855E2**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **9DFF8B**, and **04A91B** is the 20% darker color. If you saturate the color by 10%, you get **4AE23E**, and if you desaturate by 10%, it is **74E26C**.

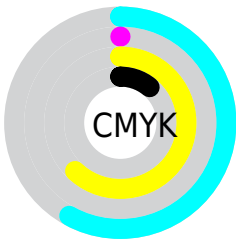
Distribution



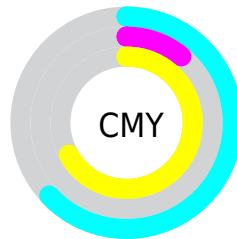
- Red (37%)
- Green (89%)
- Blue (33%)



- Red (33%)
- Yellow (89%)
- Blue (85%)



- Cyan (58%)
- Magenta (0%)
- Yellow (62%)
- Black (11%)



- Cyan (63%)
- Magenta (11%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5FE255 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 5FE255 by changing the saturation by 10% instead.

 5FE255

 5FE255

FFFFFF

 3DC539

 9DFF8B

 04A91B

 BBFFA7

 008E00

 D9FFC3

 007300

 F7FFE0

 005A00

FFFFFFE

 004100

 002900

 000300

 000000

 5FE255

 5FE255

 4AE23E

 74E26C

 35E228

 89E282

 20E211

 9EE299

 10E200

 B3E2AF

 C8E2C6

 DDE2DD

 F2E2F3

 FFE2FF

Harmonies

Analogous

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



C1D200



5FE255



00EAA3

Triad

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



5FE255



00DAFF



FF7A9C

Complementary

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



5FE255



D855E2

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.



FF7CEB



5FE255



81C0FF

Square

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



5FE255



00E8FF



FF9DFF



FF9754

Rectangle

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



5FE255



00ECDA



FF9DFF



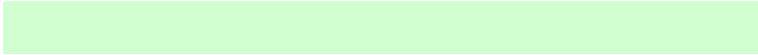
FF76B7

Sweetspot

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



5FE255



D2FFCF



E2D655



648062



000000



808080

Same Dimension

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



5FE255



4DFF40



55E290



667065



0CB000



033000

Inverse Universe

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



D855E2



F140FF



E255A7



6F6570



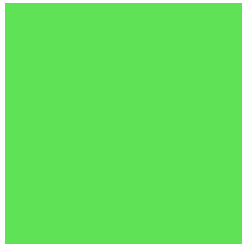
A300B0



2D0030

Previews

White Background



This preview shows how the Hex color 5FE255 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

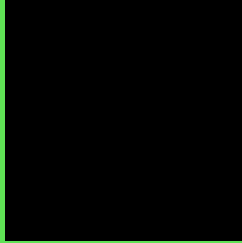
Any Text WCAG AA ✓ Pass

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 5FE255 Background



This preview shows how black text looks on a background with the Hex color 5FE255.

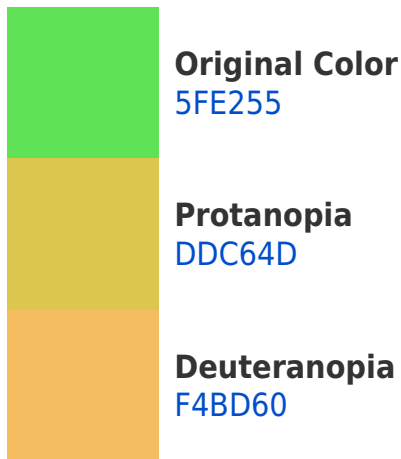


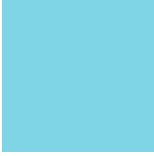
This preview shows how white text looks on a background with the Hex color 5FE255.

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](#).

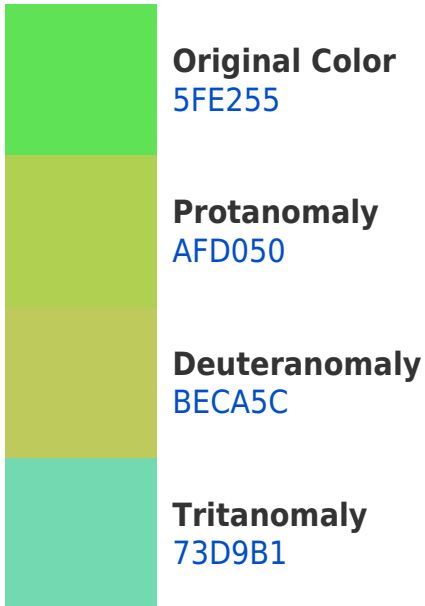
Dichromacy



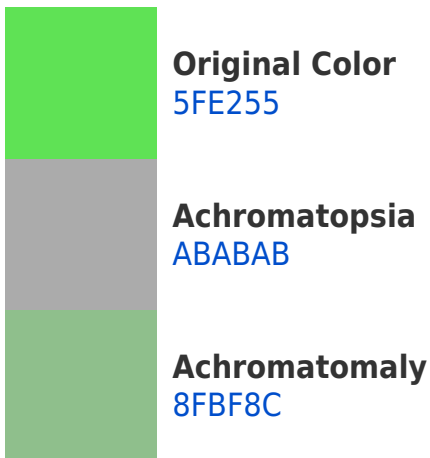


Tritanopia
7FD4E5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5FE255 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 #5FE255 looks like.

```
.text, #text, p{  
    color:#5FE255  
}
```

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 #5FE255 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5FE255
}
```

Border

The CSS property to change the border of an element to Hex 5FE255 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
#5FE255 }
```

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

```
.border{ border-color:#5FE255 }
```

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

Here you see how a box with a 4 pixel #5FE255 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5FE255; -webkit-box-shadow:4px 4px  
4px 4px #5FE255; box-shadow:4px 4px 4px  
4px #5FE255 }
```

Background

The CSS property to change the background color of an element to Hex 5FE255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5FE255 }
```

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

```
.background{ background-color:#5FE255 }
```

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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