

Converting Colors

Hex(5EE359)

Have a look what the booklet for
Hex(5EE359) contains.

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Color

Hex(5EE359)

Conversions

Conversions Part 1

Format	Color
Hex	5EE359
RGB	94, 227, 89
RGB Percent	37%, 89%, 35%
CMY	0.6314, 0.1098, 0.6510
CMYK	0.59, 0.00, 0.61, 0.11
HSL	118°, 71%, 62%
HSV	118°, 61%, 89%
XYZ	33.8884, 58.0391, 18.8678
YIQ	171.5010, -34.9700, -71.1140

Conversions

Conversions Part 2

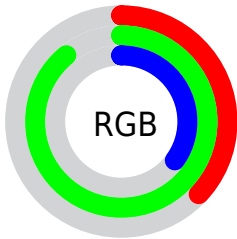
Format	Color
RYB	89, 227, 222
Decimal	6218585
CIELab	80.76, -62.52, 55.33
CIELCh	81, 83.488, 138.495
Yxy	58.0391, 0.3059, 0.5238
Android (android.graphics.Color)	4284408665 (0xFF5EE359)
YUV	171.5010, -40.6730, -67.9684
Hunter-Lab	76.1834, -53.9196, 38.6445

Details

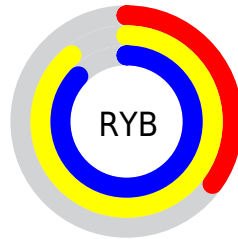
The Hex color **5EE359** is a dark color, and the websafe version is hex **33CC33**. The color can be described as middle muted green. A complement of this color would be **DE59E3**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **9CFF8F**, and **00AA20** is the 20% darker color. If you saturate the color by 10%, you get **48E342**, and if you desaturate by 10%, it is **74E370**.

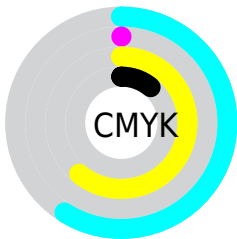
Distribution



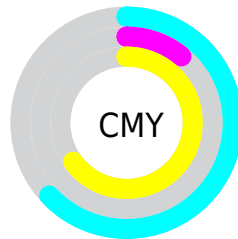
- Red (37%)
- Green (89%)
- Blue (35%)



- Red (35%)
- Yellow (89%)
- Blue (87%)



- Cyan (59%)
- Magenta (0%)
- Yellow (61%)
- Black (11%)



- Cyan (63%)
- Magenta (11%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5EE359 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 5EE359 by changing the saturation by 10% instead.

 5EE359

 5EE359


FFFFFF

 3BC63E

 9CFF8F

 00AA20

 BAFFAB

 008F00

 D8FFC7

 007400

 F7FFE4

 005A00

 004100

 002A00

 000500

 000000

 5EE359

 5EE359

 48E342

 74E370

 32E32C

 8AE386

 1CE315

 A0E39D

 08E300

 B6E3B4

 CBE3CB

 E1E3E1

 F7E3F8

 FFE3FF

Harmonies

Analogous

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



C1D30C



5EE359



00EBA7

Triad

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



5EE359



00DAFF



FF7D9C

Complementary

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



5EE359



DE59E3

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.



FF7EEA



5EE359



88C0FF

Square

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



5EE359



00E8FF



FF9DFF



FF9954

Rectangle

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



5EE359



00EDDD



FF9DFF



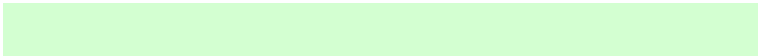
FF79B6

Sweetspot

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



5EE359



D3FFD1



E3DC59



648063



000000



808080

Same Dimension

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



5EE359



4CFF45



59E397



687367



06B300



023300

Inverse Universe

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



DE59E3



F845FF



E359A5



726773



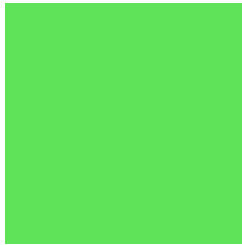
AC00B3



310033

Previews

White Background



This preview shows how the Hex color 5EE359 looks on a white background.

Color Contrast Check

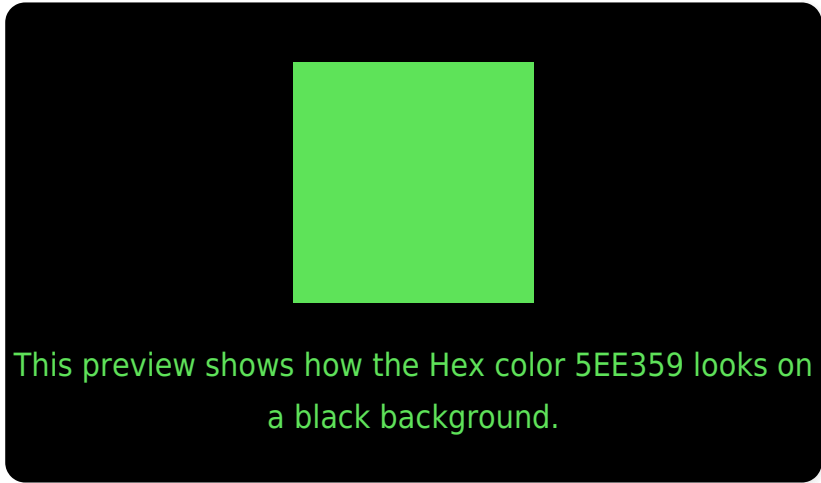
Large Text (above 18pt) WCAG AA × Fail

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

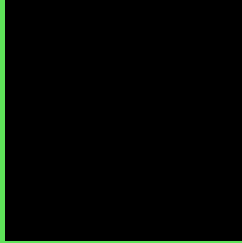
Any Text WCAG AA ✓ Pass

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 5EE359 Background



This preview shows how black text looks on a background with the Hex color 5EE359.

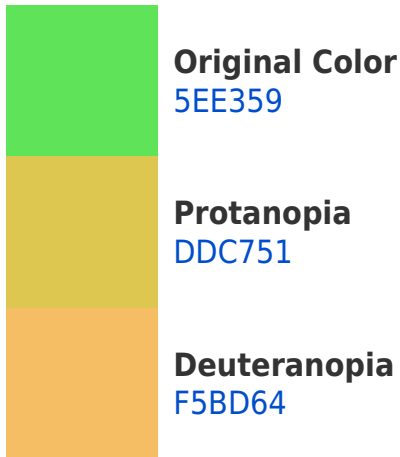


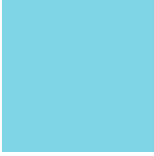
This preview shows how white text looks on a background with the Hex color 5EE359.

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
7FD5E6

Trichromacy



Original Color
5EE359



Protanomaly
AFD154



Deuteranomaly
BECB60

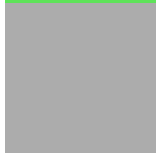


Tritanomaly
73DAB3

Monochromacy



Original Color
5EE359



Achromatopsia
ACACAC



Achromatomaly
90C08E

CSS Examples

Text

The CSS property to change the color of the text to Hex 5EE359 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 #5EE359 looks like.

```
.text, #text, p{  
    color:#5EE359  
}
```

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 #5EE359 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5EE359
}
```

Border

The CSS property to change the border of an element to Hex 5EE359 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
#5EE359 }
```

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

```
.border{ border-color:#5EE359 }
```

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

Here you see how a box with a 4 pixel #5EE359 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5EE359; -webkit-box-shadow:4px 4px  
4px 4px #5EE359; box-shadow:4px 4px 4px  
4px #5EE359 }
```

Background

The CSS property to change the background color of an element to Hex 5EE359 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5EE359 }
```

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

```
.background{ background-color:#5EE359 }
```

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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