

Converting Colors

Hex(5EE561)

Have a look what the booklet for
Hex(5EE561) contains.

Hex(5EE561)	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(5EE561)

Conversions

Conversions Part 1

Format	Color
Hex	5EE561
RGB	94, 229, 97
RGB Percent	37%, 90%, 38%
CMY	0.6314, 0.1020, 0.6196
CMYK	0.59, 0.00, 0.58, 0.10
HSL	121°, 72%, 63%
HSV	121°, 59%, 90%
XYZ	34.7931, 59.2814, 20.9179
YIQ	173.5870, -38.0880, -69.6720

Conversions

Conversions Part 2

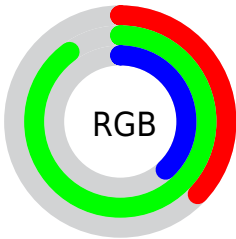
Format	Color
RYB	94, 226, 229
Decimal	6219105
CIELab	81.45, -62.35, 52.61
CIELCh	81, 81.580, 139.845
Yxy	59.2814, 0.3026, 0.5155
Android (android.graphics.Color)	4284409185 (0xFF5EE561)
YUV	173.5870, -37.7574, -69.7978
Hunter-Lab	76.9944, -54.0777, 37.7881

Details

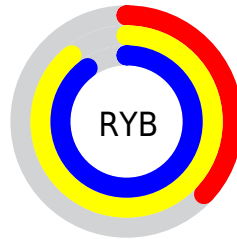
The Hex color **5EE561** is a dark color, and the websafe version is hex **66FF66**. The color can be described as middle muted spring green. A complement of this color would be **E55EE2**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **9CFF97**, and **00AC2B** is the 20% darker color. If you saturate the color by 10%, you get **47E54B**, and if you desaturate by 10%, it is **75E577**.

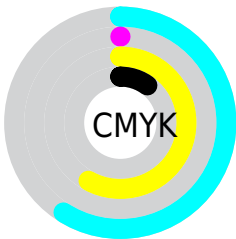
Distribution



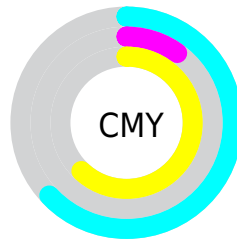
- Red (37%)
- Green (90%)
- Blue (38%)



- Red (37%)
- Yellow (89%)
- Blue (90%)



- Cyan (59%)
- Magenta (0%)
- Yellow (58%)
- Black (10%)



- Cyan (63%)
- Magenta (10%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5EE561 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 5EE561 by changing the saturation by 10% instead.

 5EE561

 5EE561


FFFFFF

 3BC846

 9CFF97

 00AC2B

 BAFFB3

 009107

 D8FFCF

 007600

 F7FFEC

 005C00

 004300

 002C00

 000A00

 000000

 5EE561

 5EE561

 47E54B

 75E577

 30E534

 8CE58E

 19E51E

 A3E5A4

 02E507

 BAE5BB

 00E505

 D1E5D1

 E7E5E7

 FEE5FE

 FFE5FF

Harmonies

Analogous

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



C0D61F



5EE561



00EDAD

Triad

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



5EE561



00DBFF



FF829B

Complementary

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



5EE561



E55EE2

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.



FF82E8



5EE561



96C1FF

Square

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



5EE561



00E9FF



FF9FFF



FF9E56

Rectangle

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



5EE561



00EEE2



FF9FFF



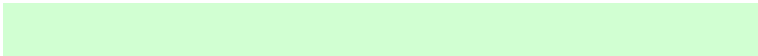
FF7EB4

Sweetspot

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



5EE561



D1FFD2



E3E55E



638064



000000



808080

Same Dimension

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



5EE561



4AFF4E



5EE5A4



677368



00B304



003301

Inverse Universe

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



E55EE2



FF4AFB



E55E9F



736772



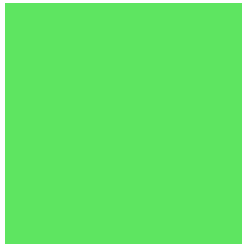
B300AF



330032

Previews

White Background



This preview shows how the Hex color 5EE561 looks on a white background.

Color Contrast Check

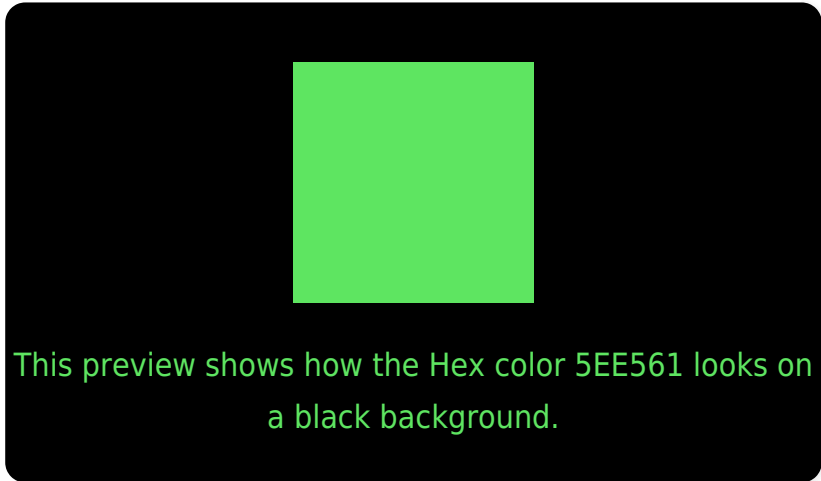
Large Text (above 18pt) WCAG AA × Fail

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

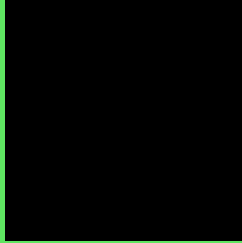
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

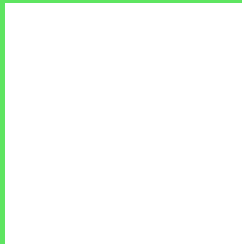
Any Text WCAG AAA ✓ Pass

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

Hex 5EE561 Background



This preview shows how black text looks on a background with the Hex color 5EE561.

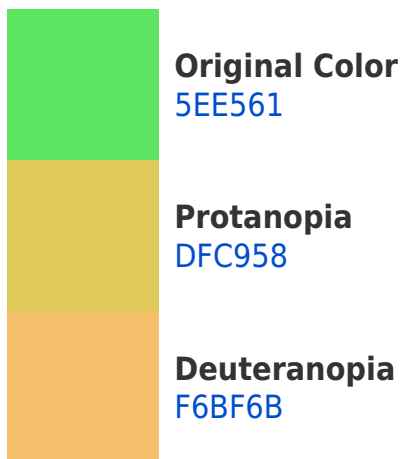


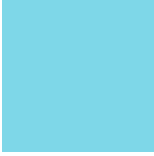
This preview shows how white text looks on a background with the Hex color 5EE561.

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](#).

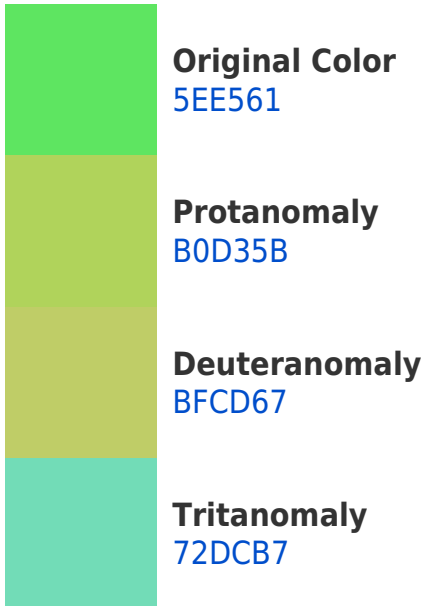
Dichromacy



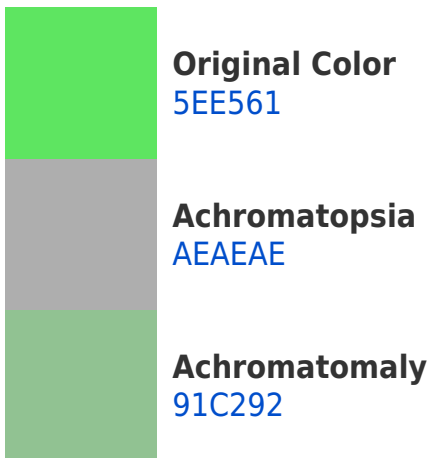


Tritanopia
7ED7E8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5EE561 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 #5EE561 looks like.

```
.text, #text, p{  
    color:#5EE561  
}
```

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 #5EE561 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5EE561
}
```

Border

The CSS property to change the border of an element to Hex 5EE561 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
#5EE561 }
```

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

```
.border{ border-color:#5EE561 }
```

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

Here you see how a box with a 4 pixel #5EE561 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5EE561; -webkit-box-shadow:4px 4px  
4px 4px #5EE561; box-shadow:4px 4px 4px  
4px #5EE561 }
```

Background

The CSS property to change the background color of an element to Hex 5EE561 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5EE561 }
```

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

```
.background{ background-color:#5EE561 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor