

Converting Colors

Hex(5BE373)

Have a look what the booklet for
Hex(5BE373) contains.

Hex(5BE373)	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(5BE373)

Conversions

Conversions Part 1

Format	Color
Hex	5BE373
RGB	91, 227, 115
RGB Percent	36%, 89%, 45%
CMY	0.6431, 0.1098, 0.5490
CMYK	0.60, 0.00, 0.49, 0.11
HSL	131°, 71%, 62%
HSV	131°, 60%, 89%
XYZ	34.8780, 58.4001, 25.6537
YIQ	173.5680, -45.1040, -63.6640

Conversions

Conversions Part 2

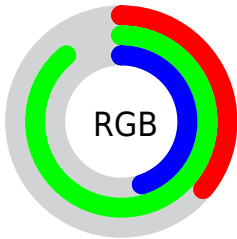
Format	Color
RYB	91, 207, 227
Decimal	6022003
CIELab	80.96, -59.97, 43.65
CIElCh	81, 74.171, 143.952
Yxy	58.4001, 0.2933, 0.4910
Android (android.graphics.Color)	4284212083 (0xFF5BE373)
YUV	173.5680, -28.8740, -72.4121
Hunter-Lab	76.4200, -52.2678, 33.5907

Details

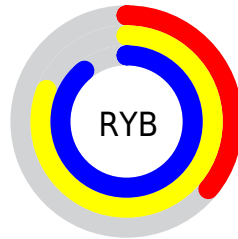
The Hex color **5BE373** is a dark color, and the websafe version is hex **33CC66**. The color can be described as middle muted spring green. A complement of this color would be **E35BCB**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **98FFA9**, and **00AA40** is the 20% darker color. If you saturate the color by 10%, you get **44E360**, and if you desaturate by 10%, it is **72E386**.

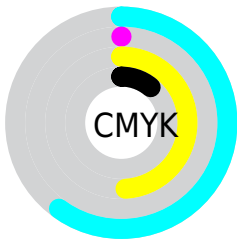
Distribution



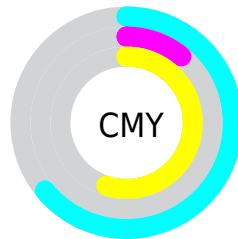
- Red (36%)
- Green (89%)
- Blue (45%)



- Red (36%)
- Yellow (81%)
- Blue (89%)



- Cyan (60%)
- Magenta (0%)
- Yellow (49%)
- Black (11%)



- Cyan (64%)
- Magenta (11%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5BE373 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 5BE373 by changing the saturation by 10% instead.

 5BE373

 5BE373


FFFFFF

 38C659

 98FFA9

 00AA40

 B6FFC5

 008F26

 D5FFE1

 007406

 F3FFFE

 005B00

 004100

 002A00

 000700

 000000

 5BE373

 5BE373

 44E360

 72E386

 2EE34E

 88E398

 17E33B

 9FE3AB

 00E328

 B6E3BE

 CDE3D0

 E3E3E3

 FAE3F6

 FFE3FF

Harmonies

Analogous

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



B7D63D



5BE373



00E9B8

Triad

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



5BE373



00D5FF



FF8D95

Complementary

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



5BE373



E35BCB

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.



FF89DA



5BE373



B1BDFF

Square

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



5BE373



00E4FF



FF9EFF



FFA559

Rectangle

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



5BE373



00EAE8



FF9EFF



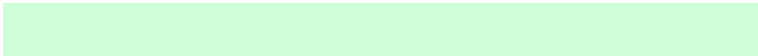
FF88AB

Sweetspot

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



5BE373



D1FFD9



CCE35B



638068



000000



808080

Same Dimension

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



5BE373



47FF68



5BE3B6



677369



00B31F



003309

Inverse Universe

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



E35BCB



FF47DF



E35B88



736771



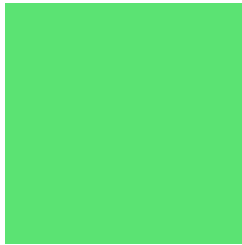
B30093



33002A

Previews

White Background



This preview shows how the Hex color 5BE373 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



This preview shows how the Hex color 5BE373 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

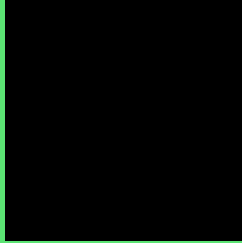
Any Text WCAG AA ✓ Pass

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 5BE373 Background



This preview shows how black text looks on a background with the Hex color 5BE373.

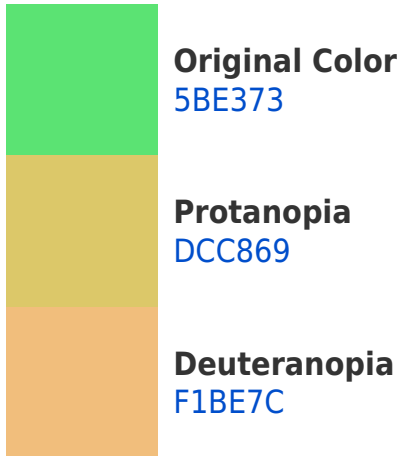


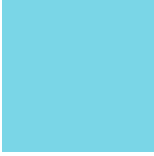
This preview shows how white text looks on a background with the Hex color 5BE373.

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](#).

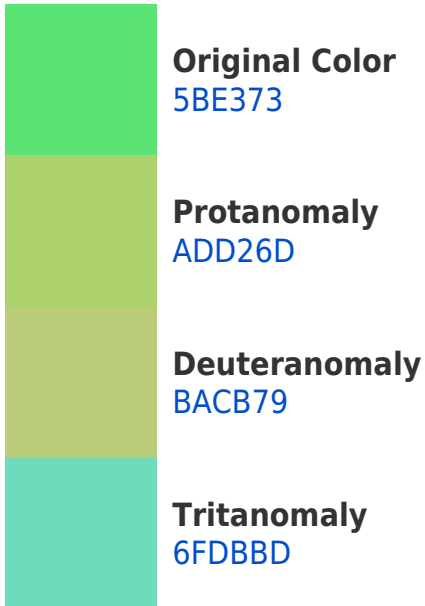
Dichromacy



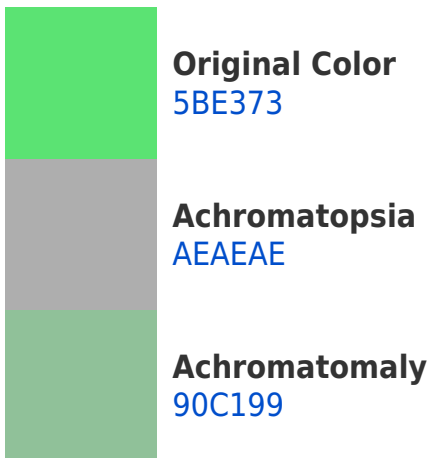


Tritanopia
7AD6E7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5BE373 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 #5BE373 looks like.

```
.text, #text, p{  
    color:#5BE373  
}
```

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 #5BE373 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5BE373
}
```

Border

The CSS property to change the border of an element to Hex 5BE373 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
#5BE373 }
```

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

```
.border{ border-color:#5BE373 }
```

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

Here you see how a box with a 4 pixel #5BE373 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5BE373; -webkit-box-shadow:4px 4px  
4px 4px #5BE373; box-shadow:4px 4px 4px  
4px #5BE373 }
```

Background

The CSS property to change the background color of an element to Hex 5BE373 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5BE373 }
```

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

```
.background{ background-color:#5BE373 }
```

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