

Converting Colors

Hex(5CED38)

Have a look what the booklet for
Hex(5CED38) contains.

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Color

Hex(5CED38)

Conversions

Conversions Part 1

Format	Color
Hex	5CED38
RGB	92, 237, 56
RGB Percent	36%, 93%, 22%
CMY	0.6392, 0.0706, 0.7804
CMYK	0.61, 0.00, 0.76, 0.07
HSL	108°, 83%, 57%
HSV	108°, 76%, 93%
XYZ	35.4116, 63.1292, 14.0602
YIQ	173.0110, -28.3190, -87.0310

Conversions

Conversions Part 2

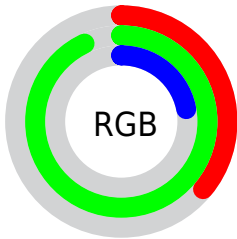
Format	Color
RYB	56, 237, 201
Decimal	6090040
CIELab	83.51, -69.14, 70.48
CIElCh	84, 98.732, 134.451
Yxy	63.1292, 0.3145, 0.5606
Android (android.graphics.Color)	4284280120 (0xFF5CED38)
YUV	173.0110, -57.6864, -71.0466
Hunter-Lab	79.4539, -59.4890, 45.1258

Details

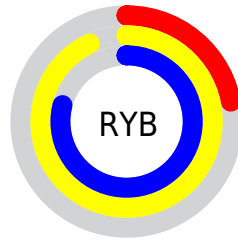
The Hex color **5CED38** is a dark color, and the websafe version is hex **66FF33**. The color can be described as dark washed green. A complement of this color would be **C938ED**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **9DFF73**, and **00B400** is the 20% darker color. If you saturate the color by 10%, you get **49ED20**, and if you desaturate by 10%, it is **6FED50**.

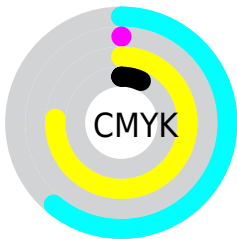
Distribution



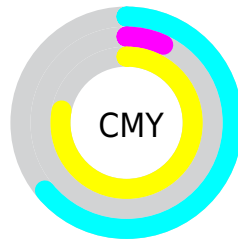
- Red (36%)
- Green (93%)
- Blue (22%)



- Red (22%)
- Yellow (93%)
- Blue (79%)



- Cyan (61%)
- Magenta (0%)
- Yellow (76%)
- Black (7%)



- Cyan (64%)
- Magenta (7%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5CED38 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 5CED38 by changing the saturation by 10% instead.

 5CED38

 5CED38

FFFFFF

 36D00E

 9DFF73

 00B400

 BCFF90

 009800

 DBFFAD

 007D00

 FAFFCA

 006300

 FFFFE7

 004900

 003100

 001500

 000000

 5CED38

 5CED38

 49ED20

 6FED50

 36ED09

 82ED67

 2FED00

 95ED7F

 A8ED97

 BBEDAE

 CEEDC6

 E1EDDE

 F4EDF6

 FFEDFF

Harmonies

Analogous

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



D0DA00



5CED38



00F79B

Triad

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



5CED38



00E9FF



FF68A7

Complementary

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



5CED38



C938ED

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.



FF72FF



5CED38



34CCFF

Square

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



5CED38



00F6FF



FFA1FF



FF8F4F

Rectangle

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



5CED38



00F9DC



FFA1FF



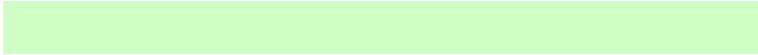
FF64C6

Sweetspot

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



5CED38



D0FFC4



EDC938



63805C



000000



808080

Same Dimension

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



5CED38



43FF14



38ED6E



6C756A



24B500



0B3600

Inverse Universe

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



C938ED



D014FF



ED38B7



736A75



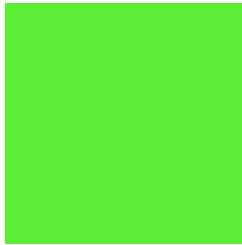
9100B5



2B0036

Previews

White Background



This preview shows how the Hex color 5CED38 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 5CED38 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 5CED38 Background



This preview shows how black text looks on a background with the Hex color 5CED38.

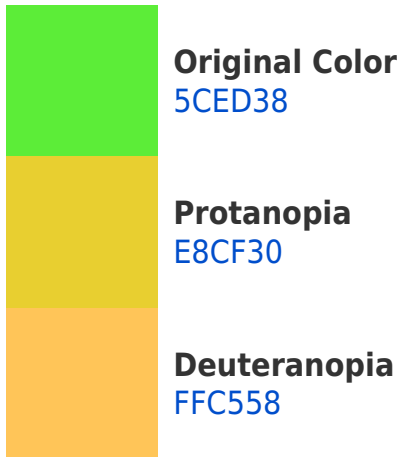


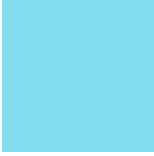
This preview shows how white text looks on a background with the Hex color 5CED38.

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](#).

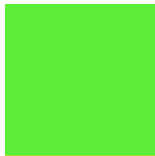
Dichromacy





Tritanopia
82DDEF

Trichromacy



Original Color
5CED38



Protanomaly
B5DA33

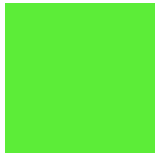


Deuteranomaly
C4D44C

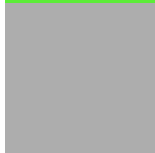


Tritanomaly
74E3AC

Monochromacy



Original Color
5CED38



Achromatopsia
ADADAD



Achromatomaly
90C482

CSS Examples

Text

The CSS property to change the color of the text to Hex 5CED38 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 #5CED38 looks like.

```
.text, #text, p{  
    color:#5CED38  
}
```

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 #5CED38 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5CED38
}
```

Border

The CSS property to change the border of an element to Hex 5CED38 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
#5CED38 }
```

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

```
.border{ border-color:#5CED38 }
```

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

Here you see how a box with a 4 pixel #5CED38 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5CED38; -webkit-box-shadow:4px 4px  
4px 4px #5CED38; box-shadow:4px 4px 4px  
4px #5CED38 }
```

Background

The CSS property to change the background color of an element to Hex 5CED38 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5CED38 }
```

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

```
.background{ background-color:#5CED38 }
```

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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