

Converting Colors

Hex(5ED938)

Have a look what the booklet for
Hex(5ED938) contains.

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Color

Hex(5ED938)

Conversions

Conversions Part 1

Format	Color
Hex	5ED938
RGB	94, 217, 56
RGB Percent	37%, 85%, 22%
CMY	0.6314, 0.1490, 0.7804
CMYK	0.57, 0.00, 0.74, 0.15
HSL	106°, 68%, 54%
HSV	106°, 74%, 85%
XYZ	30.1428, 52.2909, 12.2459
YIQ	161.8690, -21.6270, -76.1470

Conversions

Conversions Part 2

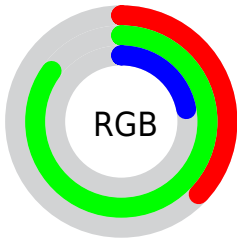
Format	Color
RYB	56, 217, 179
Decimal	6215992
CIELab	77.45, -61.85, 64.59
CIELCh	77, 89.426, 133.759
Yxy	52.2909, 0.3184, 0.5523
Android (android.graphics.Color)	4284406072 (0xFF5ED938)
YUV	161.8690, -52.1934, -59.5211
Hunter-Lab	72.3125, -52.1408, 40.5782

Details

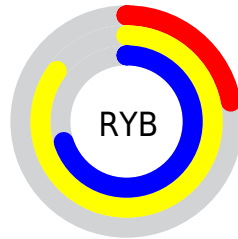
The Hex color **5ED938** is a dark color, and the websafe version is hex **66CC33**. The color can be described as dark muted green. A complement of this color would be **B338D9**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **9BFF71**, and **03A100** is the 20% darker color. If you saturate the color by 10%, you get **4DD922**, and if you desaturate by 10%, it is **6FD94E**.

Distribution



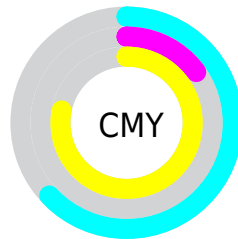
- Red (37%)
- Green (85%)
- Blue (22%)



- Red (22%)
- Yellow (85%)
- Blue (70%)



- Cyan (57%)
- Magenta (0%)
- Yellow (74%)
- Black (15%)



- Cyan (63%)
- Magenta (15%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5ED938 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 5ED938 by changing the saturation by 10% instead.

 5ED938

 5ED938

FFFFFF

 3CBD14

 9BFF71

 03A100

 BAFF8D

 008600

 D8FFA9

 006B00

 F6FFC6

 005200

 FFFF E3

 003A00

 002100

 000000

 5ED938

 5ED938

 4DD922

 6FD94E

 3DD90D

 7FD963

 33D900

 90D979

 A0D98F

 B1D9A4

 C1D9BA

 D2D9D0

 E3D9E6

 F3D9FB

Harmonies

Analogous

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



C2C700



5ED938



00E28E

Triad

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



5ED938



00D5FF



FF659D

Complementary

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



5ED938



B338D9

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.



FF6FF0



5ED938



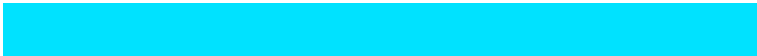
39BCFF

Square

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



5ED938



00E2FF



F296FF



FF854F

Rectangle

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



5ED938



00E5C8



F296FF



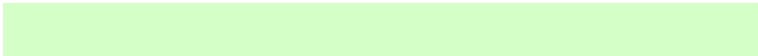
FF63B9

Sweetspot

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



5ED938



D4FFC7



D9B138



66805E



000000



808080

Same Dimension

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



5ED938



52FF1C



38D960



656E63



29AD00



0B2E00

Inverse Universe

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



B338D9



C91CFF



D938B1



6B636E



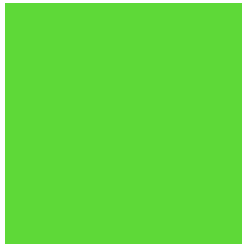
8400AD



23002E

Previews

White Background



This preview shows how the Hex color 5ED938 looks on a white background.

Color Contrast Check

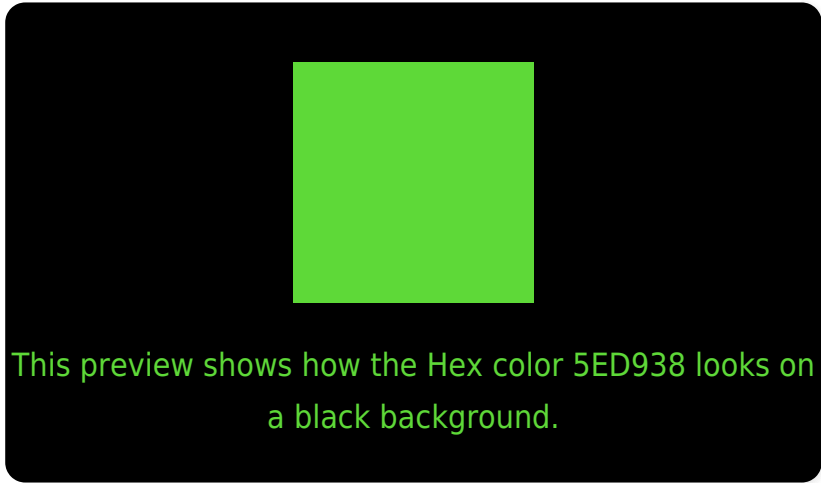
Large Text (above 18pt) WCAG AA × Fail

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

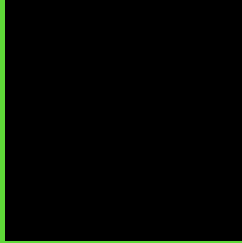
Any Text WCAG AA ✓ Pass

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 5ED938 Background



This preview shows how black text looks on a background with the Hex color 5ED938.

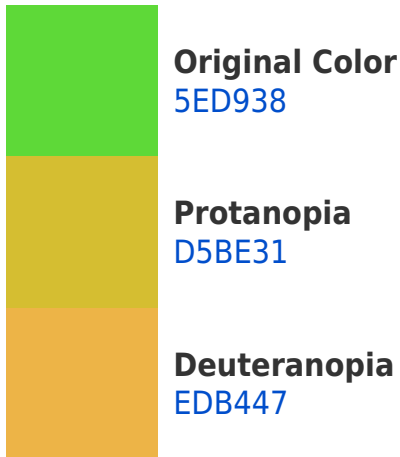


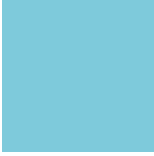
This preview shows how white text looks on a background with the Hex color 5ED938.

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





Trichromacy



Original Color
5ED938



Protanomaly
AAC834



Deuteranomaly
B9C142



Tritanomaly
72CFA0

Monochromacy



Original Color
5ED938



Achromatopsia
A2A2A2



Achromatomaly
89B67B

CSS Examples

Text

The CSS property to change the color of the text to Hex 5ED938 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 #5ED938 looks like.

```
.text, #text, p{  
    color:#5ED938  
}
```

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 #5ED938 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5ED938  
}
```

Border

The CSS property to change the border of an element to Hex 5ED938 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  
#5ED938 }
```

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

```
.border{ border-color:#5ED938 }
```

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

Here you see how a box with a 4 pixel #5ED938 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5ED938; -webkit-box-shadow:4px 4px  
4px 4px #5ED938; box-shadow:4px 4px 4px  
4px #5ED938 }
```

Background

The CSS property to change the background color of an element to Hex 5ED938 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5ED938 }
```

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

```
.background{ background-color:#5ED938 }
```

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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