

Converting Colors

Hex(5EDC00)

Have a look what the booklet for
Hex(5EDC00) contains.

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Color

Hex(5EDC00)

Conversions

Conversions Part 1

Format	Color
Hex	5EDC00
RGB	94, 220, 0
RGB Percent	37%, 86%, 0%
CMY	0.6314, 0.1373, 1.0000
CMYK	0.57, 0.00, 1.00, 0.14
HSL	94°, 100%, 43%
HSV	94°, 100%, 86%
XYZ	30.2093, 53.5661, 8.7471
YIQ	157.2460, -4.4760, -95.1320

Conversions

Conversions Part 2

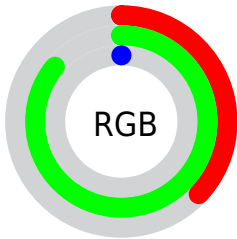
Format	Color
RYB	0, 220, 126
Decimal	6216704
CIELab	78.21, -64.85, 76.13
CIELCh	78, 100.005, 130.424
Yxy	53.5661, 0.3265, 0.5790
Android (android.graphics.Color)	4284406784 (0xFF5EDC00)
YUV	157.2460, -77.5223, -55.4667
Hunter-Lab	73.1889, -54.4032, 44.1462

Details

The Hex color **5EDC00** is a dark color, and the websafe version is hex **33CC00**. The color can be described as dark washed green. A complement of this color would be **7E00DC**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **9DFF55**, and **00A400** is the 20% darker color. If you saturate the color by 10%, you get **5EDC00**, and if you desaturate by 10%, it is **6BDC16**.

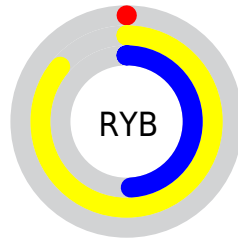
Distribution



Red (37%)

Green (86%)

Blue (0%)



Red (0%)

Yellow (86%)

Blue (49%)

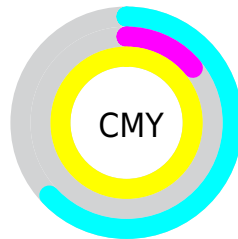


Cyan (57%)

Magenta (0%)

Yellow (100%)

Black (14%)



Cyan (63%)

Magenta (14%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5EDC00 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 5EDC00 by changing the saturation by 10% instead.

 5EDC00

 5EDC00

FFFFFF

 3AC000

 9DFF55

 00A400

 BCFF73

 008900

 DAFF90

 006E00

 F9FFAD

 005400

 FFFFCB

 003C00

 FFFFEB

 002300

 000000

 5EDC00

 6BDC16

 77DC2C

 84DC42

 90DC58

 9DDC6E

 AADC84

 B6DC9A

 C3DCB0

 CFDCC6

Harmonies

Analogous

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



CBC800



5EDC00



00E67F

Triad

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



5EDC00



00DCFF



FF4EA5

Complementary

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



5EDC00



7E00DC

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.



FF63FF



5EDC00



00C3FF

Square

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



5EDC00



00E8FF



EB98FF



FF774C

Rectangle

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



5EDC00



00E9C0



EB98FF



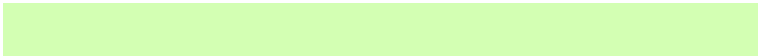
FF4DC4

Sweetspot

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



5EDC00



D3FFB3



DC7D00



658052



000000



808080

Same Dimension

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



5EDC00



6DFF00



00DC0F



676E63



4AAD00



142E00

Inverse Universe

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



7E00DC



9200FF



DC00CD



69636E



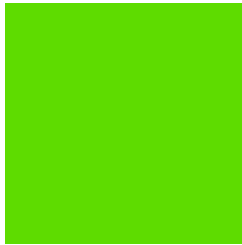
6300AD



1A002E

Previews

White Background



This preview shows how the Hex color 5EDC00 looks on a white background.

Color Contrast Check

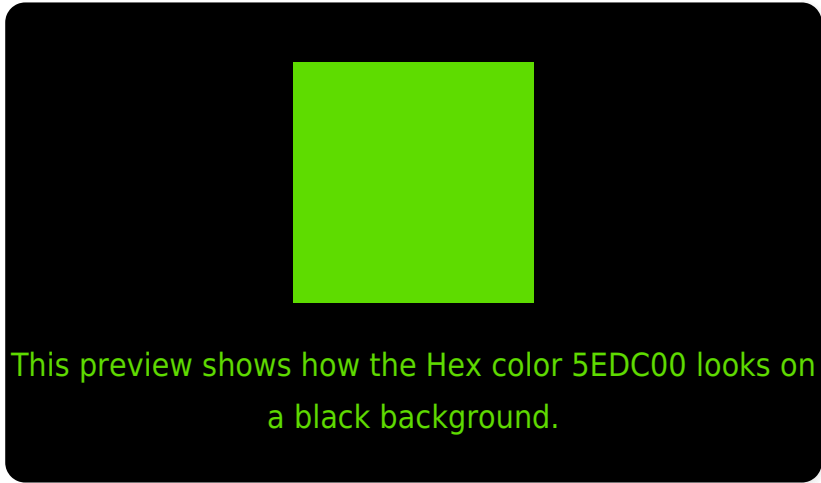
Large Text (above 18pt) WCAG AA × Fail

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

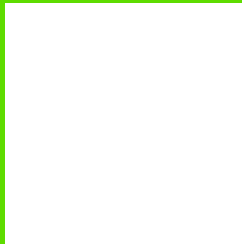
Any Text WCAG AAA ✓ Pass

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

Hex 5EDC00 Background



This preview shows how black text looks on a background with the Hex color 5EDC00.

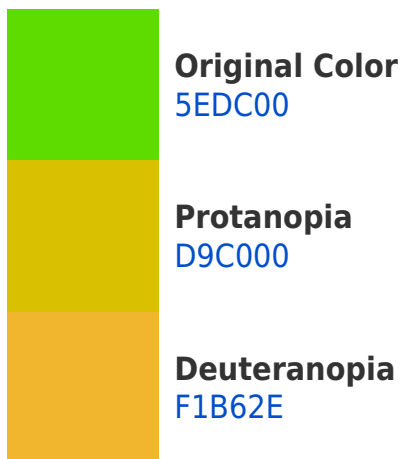


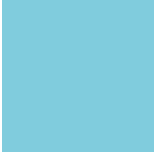
This preview shows how white text looks on a background with the Hex color 5EDC00.

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
80CCDD

Trichromacy



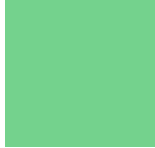
Original Color
5EDC00



Protanomaly
ACCA00



Deuteranomaly
BCC41D



Tritanomaly
74D28D

Monochromacy



Original Color
5EDC00



Achromatopsia
9D9D9D



Achromatomaly
86B464

CSS Examples

Text

The CSS property to change the color of the text to Hex 5EDC00 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 #5EDC00 looks like.

```
.text, #text, p{  
    color:#5EDC00  
}
```

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 #5EDC00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5EDC00
}
```

Border

The CSS property to change the border of an element to Hex 5EDC00 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
#5EDC00 }
```

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

```
.border{ border-color:#5EDC00 }
```

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

Here you see how a box with a 4 pixel #5EDC00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5EDC00; -webkit-box-shadow:4px 4px  
4px 4px #5EDC00; box-shadow:4px 4px 4px  
4px #5EDC00 }
```

Background

The CSS property to change the background color of an element to Hex 5EDC00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5EDC00 }
```

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

```
.background{ background-color:#5EDC00 }
```

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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