

Converting Colors

Hex(5EE42B)

Have a look what the booklet for
Hex(5EE42B) contains.

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Color

Hex(5EE42B)

Conversions

Conversions Part 1

Format	Color
Hex	5EE42B
RGB	94, 228, 43
RGB Percent	37%, 89%, 17%
CMY	0.6314, 0.1059, 0.8314
CMYK	0.59, 0.00, 0.81, 0.11
HSL	103°, 77%, 53%
HSV	103°, 81%, 89%
XYZ	32.7955, 58.0409, 11.7600
YIQ	166.8440, -20.4790, -85.9430

Conversions

Conversions Part 2

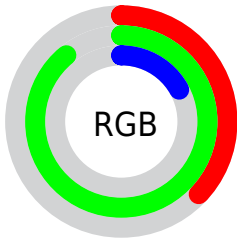
Format	Color
RYB	43, 228, 177
Decimal	6218795
CIELab	80.76, -66.38, 71.58
CIELCh	81, 97.626, 132.840
Yxy	58.0409, 0.3197, 0.5657
Android (android.graphics.Color)	4284408875 (0xFF5EE42B)
YUV	166.8440, -61.0551, -63.8842
Hunter-Lab	76.1846, -56.4833, 44.1771

Details

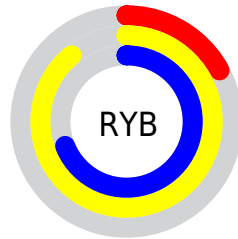
The Hex color **5EE42B** is a dark color, and the websafe version is hex **33CC00**. The color can be described as dark washed green. A complement of this color would be **B12BE4**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **9DFF69**, and **00AB00** is the 20% darker color. If you saturate the color by 10%, you get **4DE414**, and if you desaturate by 10%, it is **6FE442**.

Distribution



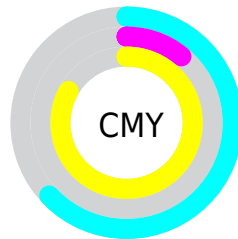
- Red (37%)
- Green (89%)
- Blue (17%)



- Red (17%)
- Yellow (89%)
- Blue (69%)



- Cyan (59%)
- Magenta (0%)
- Yellow (81%)
- Black (11%)



- Cyan (63%)
- Magenta (11%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5EE42B 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 5EE42B by changing the saturation by 10% instead.

 5EE42B

 5EE42B


FFFFFF

 3AC700

 9DFF69

 00AB00

 BCFF86

 009000

 DBFFA2

 007500

 FAFFBF

 005B00

 FFFFDD

 004200

 FFFFFA

 002A00

 000500

 000000

 5EE42B

 5EE42B

 4DE414

 6FE442

 3FE400

 7FE459

 90E46F

 A0E486

 B1E49D

 C1E4B4

 D2E4CB

 E2E4E1

 F3E4F8

Harmonies

Analogous

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



CCD100



5EE42B



00EE8F

Triad

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



5EE42B



00E2FF



FF5FA5

Complementary

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



5EE42B



B12BE4

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.



FF6DFF



5EE42B



00C7FF

Square

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



5EE42B



00EEFF



FC9CFF



FF854E

Rectangle

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



5EE42B



00F1CF



FC9CFF



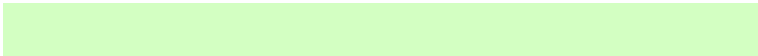
FF5DC4

Sweetspot

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



5EE42B



D3FFC2



E4B02B



65805B



000000



808080

Same Dimension

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



5EE42B



4CFF08



2BE453



6A7367



31B300



0E3300

Inverse Universe

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



B12BE4



BB08FF



E42BBC



706773



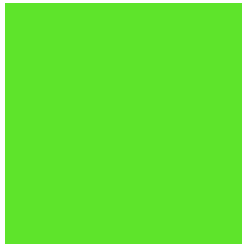
8100B3



250033

Previews

White Background



This preview shows how the Hex color 5EE42B 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 5EE42B 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 5EE42B Background



This preview shows how black text looks on a background with the Hex color 5EE42B.

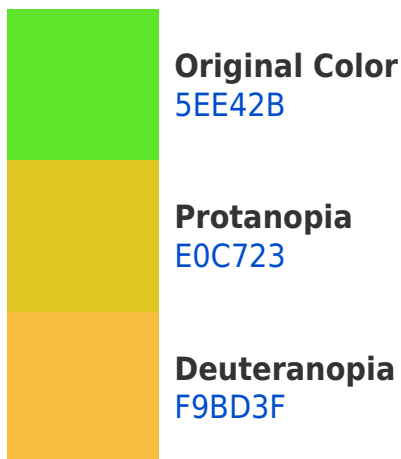


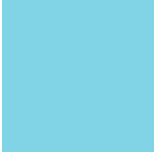
This preview shows how white text looks on a background with the Hex color 5EE42B.

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](#).

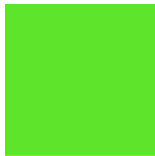
Dichromacy





Tritanopia
81D4E5

Trichromacy



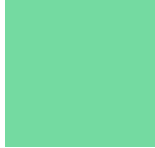
Original Color
5EE42B



Protanomaly
B1D226



Deuteranomaly
C1CB38



Tritanomaly
74DAA1

Monochromacy



Original Color
5EE42B



Achromatopsia
A7A7A7



Achromatomaly
8CBD7A

CSS Examples

Text

The CSS property to change the color of the text to Hex 5EE42B 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 #5EE42B looks like.

```
.text, #text, p{  
    color:#5EE42B  
}
```

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 #5EE42B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5EE42B
}
```

Border

The CSS property to change the border of an element to Hex 5EE42B 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
#5EE42B }
```

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

```
.border{ border-color:#5EE42B }
```

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

Here you see how a box with a 4 pixel #5EE42B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5EE42B; -webkit-box-shadow:4px 4px  
4px 4px #5EE42B; box-shadow:4px 4px 4px  
4px #5EE42B }
```

Background

The CSS property to change the background color of an element to Hex 5EE42B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5EE42B }
```

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

```
.background{ background-color:#5EE42B }
```

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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