

Converting Colors

Hex(5EBF4C)

Have a look what the booklet for
Hex(5EBF4C) contains.

| | |
|--|----|
| Hex(5EBF4C) | 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(5EBF4C)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 5EBF4C |
| RGB | 94, 191, 76 |
| RGB Percent | 37%, 75%, 30% |
| CMY | 0.6314, 0.2510, 0.7020 |
| CMYK | 0.51, 0.00, 0.60, 0.25 |
| HSL | 111°, 47%, 52% |
| HSV | 111°, 60%, 75% |
| XYZ | 24.5514, 40.1631, 13.2957 |
| YIQ | 148.8870, -20.8970, -56.3290 |

Conversions

Conversions Part 2

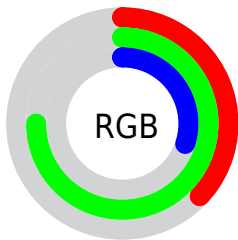
| Format | Color |
|-------------------------------------|--|
| RYB | 76, 191, 173 |
| Decimal | 6209356 |
| CIELab | 69.59, -50.47, 48.34 |
| CIELCh | 70, 69.885, 136.237 |
| Yxy | 40.1631, 0.3147, 0.5148 |
| Android (android.graphics.Color) | 4284399436 (0xFF5EBF4C) |
| YUV | 148.8870, -35.9333, -48.1359 |
| Hunter-Lab | 63.3744, -41.7537, 31.9232 |

Details

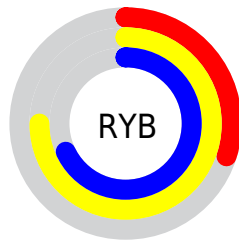
The Hex color **5EBF4C** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **AD4CBF**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **97F881**, and **1D8915** is the 20% darker color. If you saturate the color by 10%, you get **4EBF39**, and if you desaturate by 10%, it is **6EBF5F**.

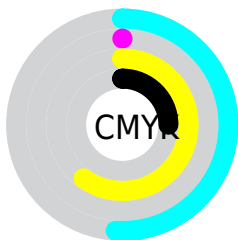
Distribution



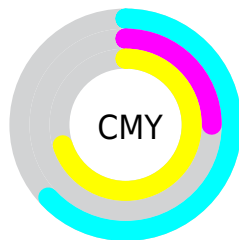
- Red (37%)
- Green (75%)
- Blue (30%)



- Red (30%)
- Yellow (75%)
- Blue (68%)



- Cyan (51%)
- Magenta (0%)
- Yellow (60%)
- Black (25%)



- Cyan (63%)
- Magenta (25%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5EBF4C 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 5EBF4C by changing the saturation by 10% instead.

 5EBF4C

 5EBF4C

FFFFFF

 40A332

 97F881

 1D8915

 B4FF9C

 006E00

 D1FFB7

 005500

 EFFFFD4

 003D00

 FFFFFF1

 002700

 000000

 5EBF4C

 5EBF4C

 4EBF39

 6EBF5F

 3EBF26

 7EBF72

 2EBF13

 8EBF85

 1EBF00

 9EBF98

 AFBFAB

 BFBFBF

 CFBFD2

 DFBFE5

 EFBFF8

Harmonies

Analogous

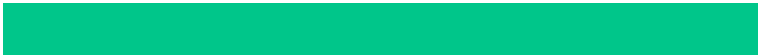
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



A9B11B



5EBF4C



00C68A

Triad

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



5EBF4C



00B9FF



FF6E8A

Complementary

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



5EBF4C



AD4CBF

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.



FF71CA



5EBF4C



6EA5FF

Square

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



5EBF4C



00C4FF



D88AFF



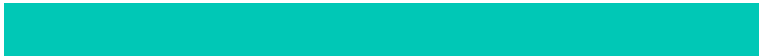
FF8250

Rectangle

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



5EBF4C



00C8B6



D88AFF



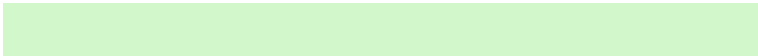
FF6B9F

Sweetspot

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



5EBF4C



D2F7CB



BFAC4C



667D61



FCFCFC



7D7D7D

Same Dimension

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



5EBF4C



61F745



4CBF72



565E55



199E00



051F00

Inverse Universe

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



AD4CBF



DB45F7



BF4C99



5D555E



85009E



1A001F

Previews

White Background



This preview shows how the Hex color 5EBF4C looks on a white background.

Color Contrast Check

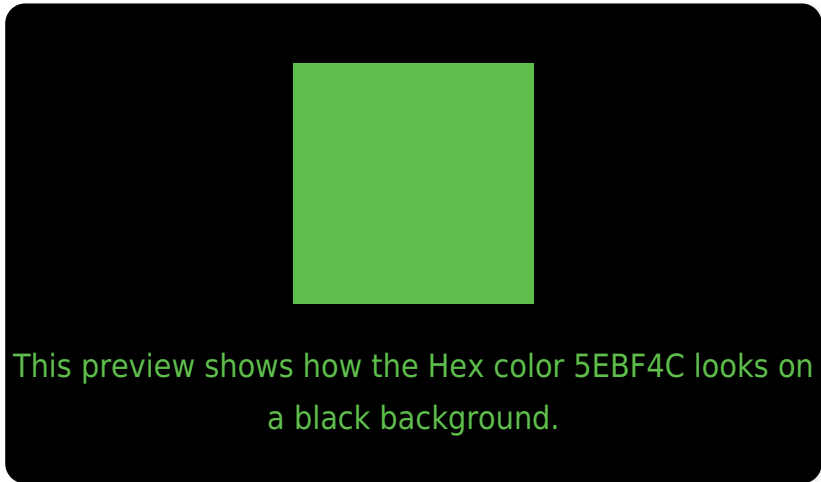
Large Text (above 18pt) WCAG AA × Fail

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 5EBF4C Background



This preview shows how black text looks on a background with the Hex color 5EBF4C.

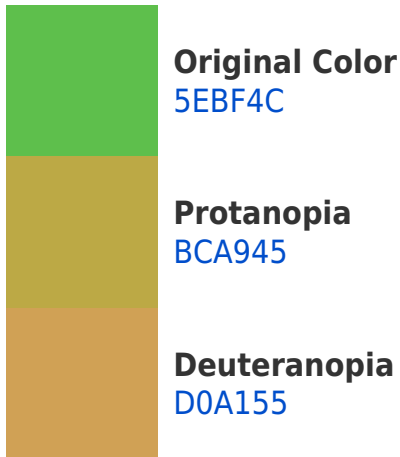


This preview shows how white text looks on a background with the Hex color 5EBF4C.

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](#).

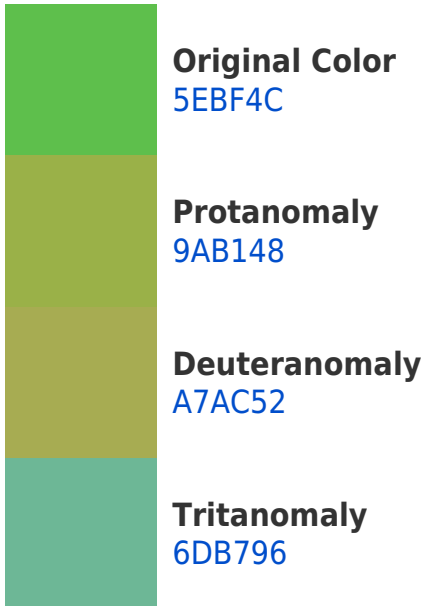
Dichromacy



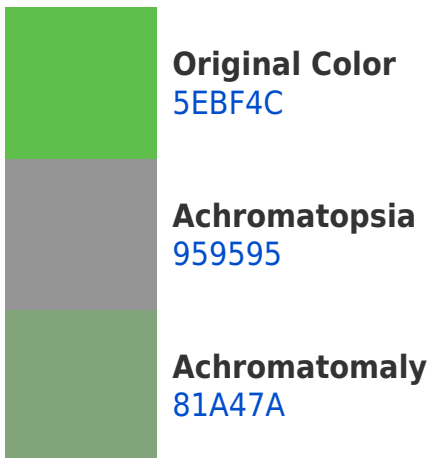


Tritanopia
75B3C1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5EBF4C 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 #5EBF4C looks like.

```
.text, #text, p{  
    color:#5EBF4C  
}
```

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 #5EBF4C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5EBF4C
}
```

Border

The CSS property to change the border of an element to Hex 5EBF4C 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
#5EBF4C }
```

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

```
.border{ border-color:#5EBF4C }
```

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

Here you see how a box with a 4 pixel #5EBF4C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5EBF4C; -webkit-box-shadow:4px 4px  
4px 4px #5EBF4C; box-shadow:4px 4px 4px  
4px #5EBF4C }
```

Background

The CSS property to change the background color of an element to Hex 5EBF4C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5EBF4C }
```

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

```
.background{ background-color:#5EBF4C }
```

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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