

Converting Colors

Hex(5EB140)

Have a look what the booklet for
Hex(5EB140) contains.

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Color

Hex(5EB140)

Conversions

Conversions Part 1

Format	Color
Hex	5EB140
RGB	94, 177, 64
RGB Percent	37%, 69%, 25%
CMY	0.6314, 0.3059, 0.7490
CMYK	0.47, 0.00, 0.64, 0.31
HSL	104°, 47%, 47%
HSV	104°, 64%, 69%
XYZ	21.2636, 34.1941, 10.3299
YIQ	139.3010, -13.1950, -52.7390

Conversions

Conversions Part 2

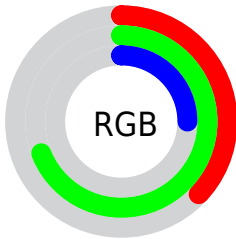
Format	Color
RYB	64, 177, 147
Decimal	6205760
CIELab	65.12, -46.11, 48.64
CIELCh	65, 67.020, 133.470
Yxy	34.1941, 0.3232, 0.5198
Android (android.graphics.Color)	4284395840 (0xFF5EB140)
YUV	139.3010, -37.1234, -39.7290
Hunter-Lab	58.4757, -37.4243, 30.4593

Details

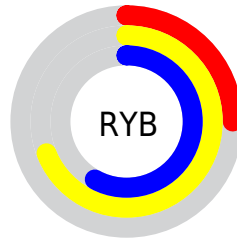
The Hex color **5EB140** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **9340B1**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **96E974**, and **227B03** is the 20% darker color. If you saturate the color by 10%, you get **51B12E**, and if you desaturate by 10%, it is **6BB152**.

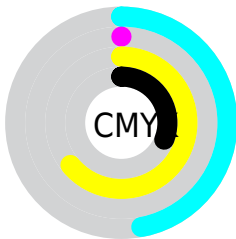
Distribution



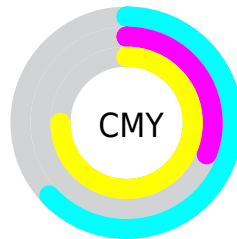
- Red (37%)
- Green (69%)
- Blue (25%)



- Red (25%)
- Yellow (69%)
- Blue (58%)



- Cyan (47%)
- Magenta (0%)
- Yellow (64%)
- Black (31%)



- Cyan (63%)
- Magenta (31%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5EB140 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 5EB140 by changing the saturation by 10% instead.

 5EB140

 5EB140

FFFFFF

 419625

 96E974

 227B03

 B3FF8F

 006200

 D0FFAB

 004900

 EDFFC7

 003200

 FFFF E3

 001A00

 000000

 5EB140

 5EB140

 51B12E

 6BB152

 44B11D

 78B163

 37B10B

 85B175

 2FB100

 92B187

 9FB199

 ACB1AA

 B9B1BC

 C6B1CE

 D3B1DF

Harmonies

Analogous

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



A3A412



5EB140



00B87A

Triad

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



5EB140



00AEFF



FF6485

Complementary

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



5EB140



9340B1

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.



F969C2



5EB140



559CFF

Square

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



5EB140



00B8EF



C382F6



FC764E

Rectangle

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



5EB140



00BAA3



C382F6



FF629A

Sweetspot

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



5EB140



C5E6BA



B19340



5F7358



F2F2F2



737373

Same Dimension

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



5EB140



64E635



40B15A



535950



299900



071A00

Inverse Universe

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



9340B1



B735E6



B14097



575059



700099



13001A

Previews

White Background



This preview shows how the Hex color 5EB140 looks on a white background.

Color Contrast Check

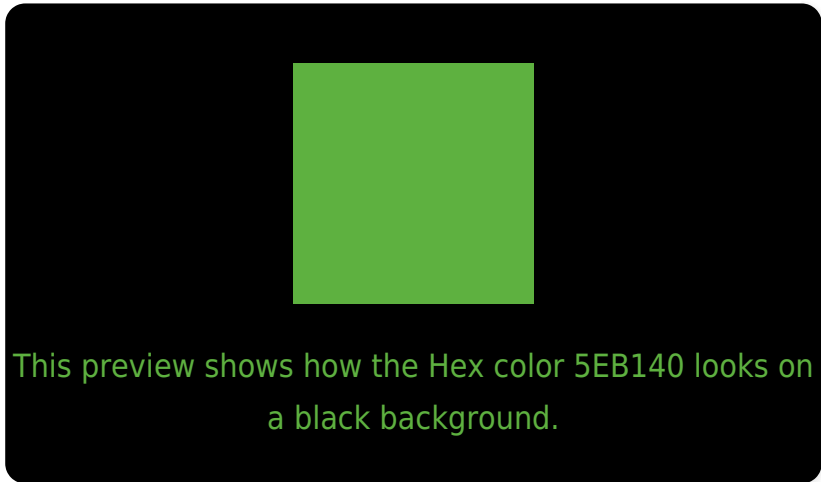
Large Text (above 18pt) WCAG AA × Fail

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 5EB140 Background



This preview shows how black text looks on a background with the Hex color 5EB140.

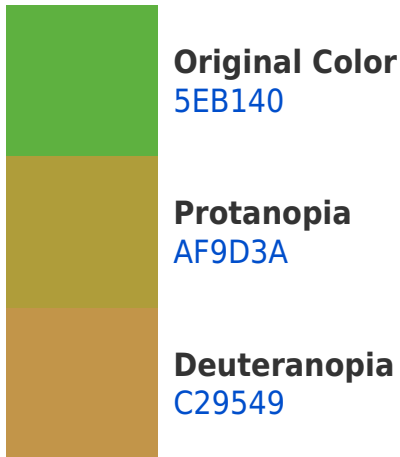


This preview shows how white text looks on a background with the Hex color 5EB140.

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](#).

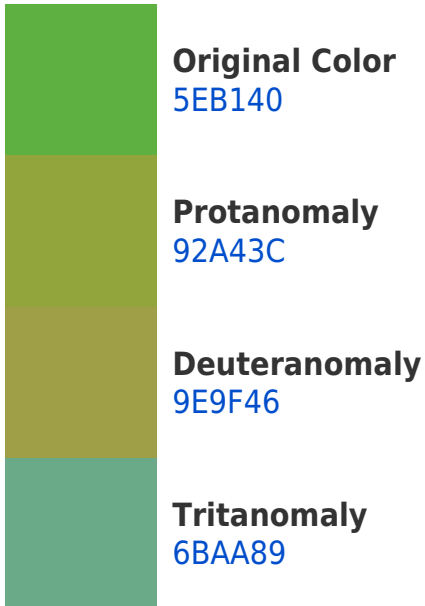
Dichromacy



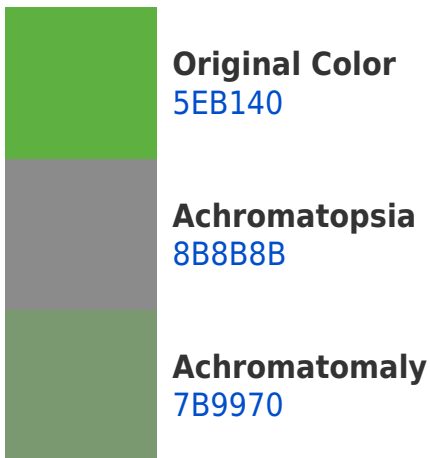


Tritanopia
73A6B3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5EB140 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 #5EB140 looks like.

```
.text, #text, p{  
    color:#5EB140  
}
```

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 #5EB140 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5EB140
}
```

Border

The CSS property to change the border of an element to Hex 5EB140 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
#5EB140 }
```

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

```
.border{ border-color:#5EB140 }
```

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

Here you see how a box with a 4 pixel #5EB140 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5EB140; -webkit-box-shadow:4px 4px  
4px 4px #5EB140; box-shadow:4px 4px 4px  
4px #5EB140 }
```

Background

The CSS property to change the background color of an element to Hex 5EB140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5EB140 }
```

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

```
.background{ background-color:#5EB140 }
```

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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