

Converting Colors

Hex(5EAB40)

Have a look what the booklet for
Hex(5EAB40) contains.

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Color

Hex(5EAB40)

Conversions

Conversions Part 1

Format	Color
Hex	5EAB40
RGB	94, 171, 64
RGB Percent	37%, 67%, 25%
CMY	0.6314, 0.3294, 0.7490
CMYK	0.45, 0.00, 0.63, 0.33
HSL	103°, 46%, 46%
HSV	103°, 63%, 67%
XYZ	20.1044, 31.8757, 9.9435
YIQ	135.7790, -11.5450, -49.6010

Conversions

Conversions Part 2

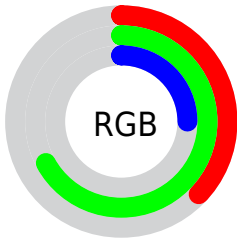
Format	Color
RYB	64, 171, 141
Decimal	6204224
CIELab	63.24, -43.64, 46.56
CIELCh	63, 63.811, 133.148
Yxy	31.8757, 0.3247, 0.5148
Android (android.graphics.Color)	4284394304 (0xFF5EAB40)
YUV	135.7790, -35.3870, -36.6402
Hunter-Lab	56.4585, -35.2401, 29.0788

Details

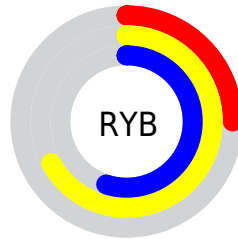
The Hex color **5EAB40** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **8D40AB**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **96E374**, and **247605** is the 20% darker color. If you saturate the color by 10%, you get **52AB2F**, and if you desaturate by 10%, it is **6AAB51**.

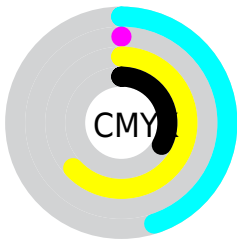
Distribution



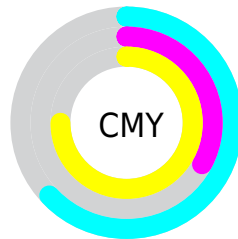
- Red (37%)
- Green (67%)
- Blue (25%)



- Red (25%)
- Yellow (67%)
- Blue (55%)



- Cyan (45%)
- Magenta (0%)
- Yellow (63%)
- Black (33%)



- Cyan (63%)
- Magenta (33%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5EAB40 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 5EAB40 by changing the saturation by 10% instead.



5EAB40



5EAB40

FFFFFF



429026



96E374



247605



B2FF8F



005D00



CFFFAA



004400



ECFFC6



002E00



FFFFE2



001300



000000



5EAB40



5EAB40



52AB2F



6AAB51

 45AB1E

 77AB62

 39AB0D

 83AB73

 30AB00

 8FAB84

 9CAB95

 A8ABA7

 B4ABB8

 C0ABC9

 CDABDA

Harmonies

Analogous

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



9E9E18



5EAB40



00B276

Triad

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



5EAB40



00A8FF



FF6382

Complementary

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



5EAB40



8D40AB

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.



EF68BB



5EAB40



5497FF

Square

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



5EAB40



00B1E6



BC7FED



F3734E

Rectangle

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



5EAB40



00B49E



BC7FED



FE6295

Sweetspot

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



5EAB40



C0DEB4



AB8D40



5E7056



F0F0F0



707070

Same Dimension

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



5EAB40



66DE37



40AB57



50574E



2A9600



061700

Inverse Universe

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



8D40AB



AF37DE



AB4094



544E57



6C0096



110017

Previews

White Background



This preview shows how the Hex color 5EAB40 looks on a white background.

Color Contrast Check

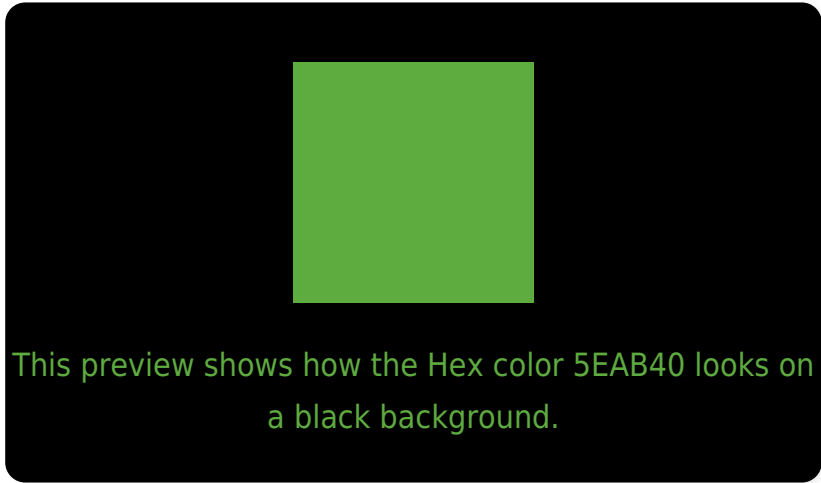
Large Text (above 18pt) WCAG AA × Fail

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 5EAB40 Background



This preview shows how black text looks on a background with the Hex color 5EAB40.



This preview shows how white text looks on a background with the Hex color 5EAB40.

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

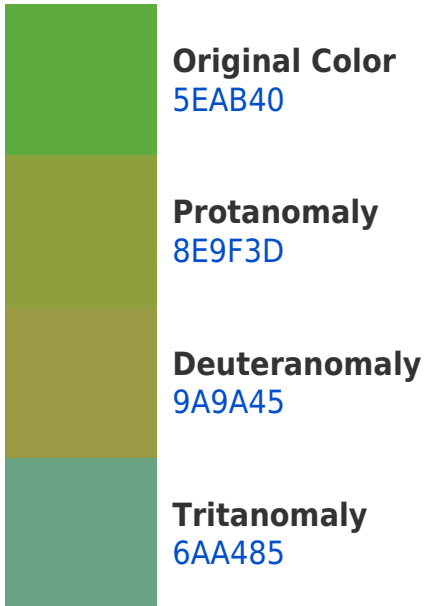


Original Color
5EAB40

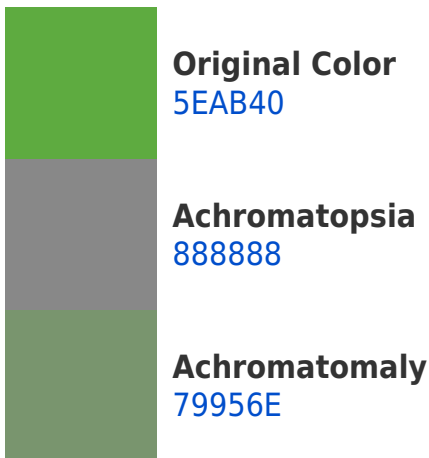
Protanopia
AA983B

Deuteranopia
BC9148

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5EAB40 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 #5EAB40 looks like.

```
.text, #text, p{  
    color:#5EAB40  
}
```

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 #5EAB40 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5EAB40
}
```

Border

The CSS property to change the border of an element to Hex 5EAB40 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
#5EAB40 }
```

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

```
.border{ border-color:#5EAB40 }
```

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

Here you see how a box with a 4 pixel #5EAB40 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5EAB40; -webkit-box-shadow:4px 4px  
4px 4px #5EAB40; box-shadow:4px 4px 4px  
4px #5EAB40 }
```

Background

The CSS property to change the background color of an element to Hex 5EAB40 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5EAB40 }
```

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

```
.background{ background-color:#5EAB40 }
```

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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