

Converting Colors

Hex(5EA74D)

Have a look what the booklet for
Hex(5EA74D) contains.

Hex(5EA74D)	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(5EA74D)

Conversions

Conversions Part 1

Format	Color
Hex	5EA74D
RGB	94, 167, 77
RGB Percent	37%, 65%, 30%
CMY	0.6314, 0.3451, 0.6980
CMYK	0.44, 0.00, 0.54, 0.35
HSL	109°, 37%, 48%
HSV	109°, 54%, 65%
XYZ	19.7744, 30.5529, 11.8763
YIQ	134.9130, -14.6180, -43.4660

Conversions

Conversions Part 2

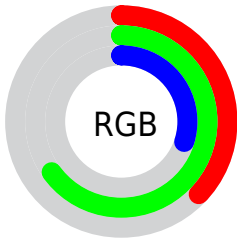
Format	Color
RYB	77, 167, 150
Decimal	6203213
CIELab	62.13, -40.49, 39.15
CIELCh	62, 56.317, 135.966
Yxy	30.5529, 0.3179, 0.4912
Android (android.graphics.Color)	4284393293 (0xFF5EA74D)
YUV	134.9130, -28.5511, -35.8807
Hunter-Lab	55.2747, -32.8729, 25.9533

Details

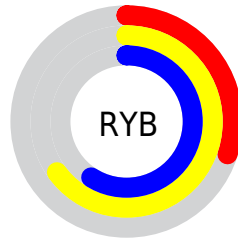
The Hex color **5EA74D** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **964DA7**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **95DF80**, and **26721B** is the 20% darker color. If you saturate the color by 10%, you get **50A73C**, and if you desaturate by 10%, it is **6CA75E**.

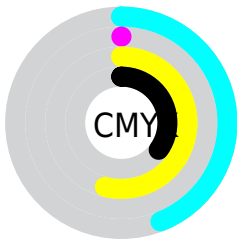
Distribution



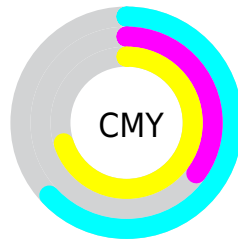
- Red (37%)
- Green (65%)
- Blue (30%)



- Red (30%)
- Yellow (65%)
- Blue (59%)



- Cyan (44%)
- Magenta (0%)
- Yellow (54%)
- Black (35%)



- Cyan (63%)
- Magenta (35%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5EA74D 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 5EA74D by changing the saturation by 10% instead.

 5EA74D

 5EA74D

FFFFFF

 438C34

 95DF80

 26721B

 B1FC9B

 005900

 CDFFB6

 004100

 EAFFD2

 002B00

 FFFFEF

 000E00

 000000

 5EA74D

 5EA74D

 50A73C

 6CA75E

 43A72C

 79A76E

 35A71B

 87A77F

 28A70A

 94A790

 20A700

 A2A7A0

 AFA7B1

 BDA7C2

 CAA7D3

 D8A7E3

Harmonies

Analogous

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



989C2E



5EA74D



00AD7C

Triad

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



5EA74D



00A2F7



F2697D

Complementary

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



5EA74D



964DA7

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.



E56CB0



5EA74D



6C92F6

Square

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



5EA74D



00ABDD



BB7EDC



E57850

Rectangle

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



5EA74D



00AE9F



BB7EDC



F1688E

Sweetspot

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



5EA74D



BDD9B6



A7954D



5D6E59



EDEDED



6E6E6E

Same Dimension

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



5EA74D



66D94C



4DA768



4D544C



1C9400



041400

Inverse Universe

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



964DA7



BE4CD9



A74D8C



534C54



780094



110014

Previews

White Background



This preview shows how the Hex color 5EA74D looks on a white background.

Color Contrast Check

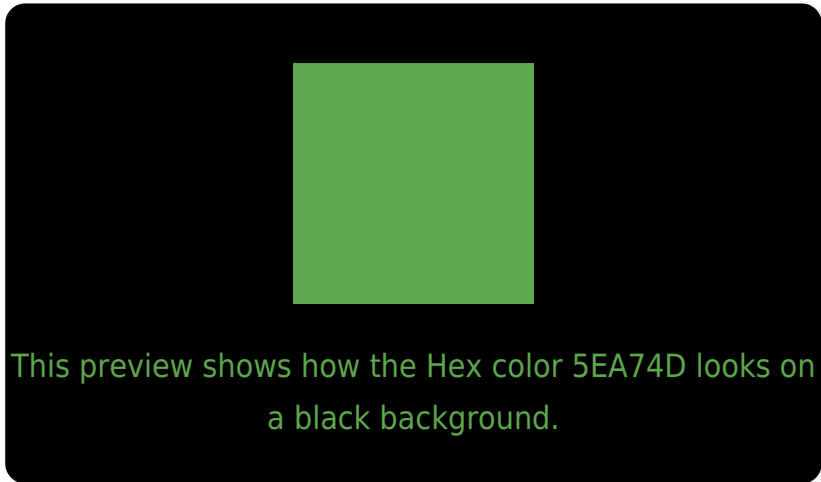
Large Text (above 18pt) WCAG AA × Fail

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

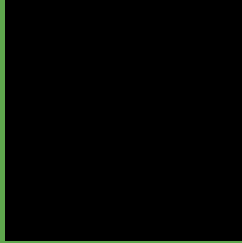
Any Text WCAG AA ✓ Pass

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 5EA74D Background



This preview shows how black text looks on a background with the Hex color 5EA74D.



This preview shows how white text looks on a background with the Hex color 5EA74D.

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
5EA74D

Protanopia
A59647

Deuteranopia
B68E53



Tritanopia
6F9DAA

Trichromacy



Original Color
5EA74D



Protanomaly
8B9C49



Deuteranomaly
969751



Tritanomaly
69A188

Monochromacy



Original Color
5EA74D



Achromatopsia
878787



Achromatomaly
789372

CSS Examples

Text

The CSS property to change the color of the text to Hex 5EA74D 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 #5EA74D looks like.

```
.text, #text, p{  
    color:#5EA74D  
}
```

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 #5EA74D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5EA74D
}
```

Border

The CSS property to change the border of an element to Hex 5EA74D 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
#5EA74D }
```

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

```
.border{ border-color:#5EA74D }
```

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

Here you see how a box with a 4 pixel #5EA74D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5EA74D; -webkit-box-shadow:4px 4px  
4px 4px #5EA74D; box-shadow:4px 4px 4px  
4px #5EA74D }
```

Background

The CSS property to change the background color of an element to Hex 5EA74D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5EA74D }
```

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

```
.background{ background-color:#5EA74D }
```

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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