

Converting Colors

Hex(5EA13D)

Have a look what the booklet for
Hex(5EA13D) contains.

Hex(5EA13D)	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(5EA13D)

Conversions

Conversions Part 1

Format	Color
Hex	5EA13D
RGB	94, 161, 61
RGB Percent	37%, 63%, 24%
CMY	0.6314, 0.3686, 0.7608
CMYK	0.42, 0.00, 0.62, 0.37
HSL	100°, 45%, 44%
HSV	100°, 62%, 63%
XYZ	18.2033, 28.2063, 8.8998
YIQ	129.5670, -7.8320, -45.3040

Conversions

Conversions Part 2

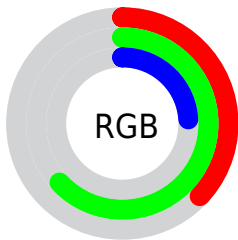
Format	Color
RYB	61, 161, 128
Decimal	6201661
CIELab	60.07, -39.70, 44.37
CIELCh	60, 59.535, 131.823
Yxy	28.2063, 0.3291, 0.5100
Android (android.graphics.Color)	4284391741 (0xFF5EA13D)
YUV	129.5670, -33.8035, -31.1923
Hunter-Lab	53.1096, -31.7612, 27.2412

Details

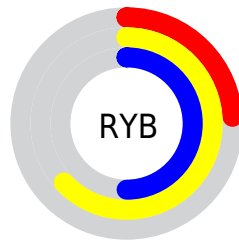
The Hex color **5EA13D** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **803DA1**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **95D870**, and **266D03** is the 20% darker color. If you saturate the color by 10%, you get **53A12D**, and if you desaturate by 10%, it is **69A14D**.

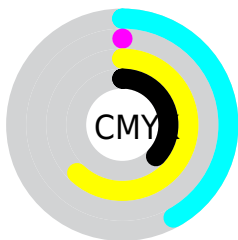
Distribution



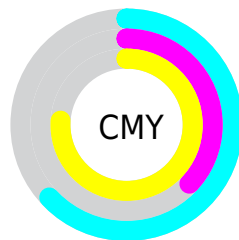
- Red (37%)
- Green (63%)
- Blue (24%)



- Red (24%)
- Yellow (63%)
- Blue (50%)



- Cyan (42%)
- Magenta (0%)
- Yellow (62%)
- Black (37%)



- Cyan (63%)
- Magenta (37%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5EA13D 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 5EA13D by changing the saturation by 10% instead.

 5EA13D

 5EA13D


FFFFFF

 438623

 95D870

 266D03

 B1F58B

 005400

 CDFFA6

 003C00

 EAFFC2

 002700

 FFFFDE

 000100

 FFFFFB

 000000

 5EA13D

 5EA13D

 53A12D

 69A14D

 48A11D

 74A15D

 3EA10D

 7EA16D

 35A100

 89A17D

 94A18E

 9FA19E

 AAA1AE

 B4A1BE

 BFA1CE

Harmonies

Analogous

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



98951C



5EA13D



00A86E

Triad

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



5EA13D



009FF4



F05F7E

Complementary

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



5EA13D



803DA1

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.



DF65B3



5EA13D



4D90F8

Square

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



5EA13D



00A8D6



AE7ADF



E56D4D

Rectangle

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



5EA13D



00AA92



AE7ADF



EE5E90

Sweetspot

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



5EA13D



B6D1A9



A1803D



586951



E8E8E8



696969

Same Dimension

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



5EA13D



68D134



3DA14E



4C5249



309100



061200

Inverse Universe

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



803DA1



9D34D1



A13D90



4F4952



610091



0C0012

Previews

White Background



This preview shows how the Hex color 5EA13D looks on a white background.

Color Contrast Check

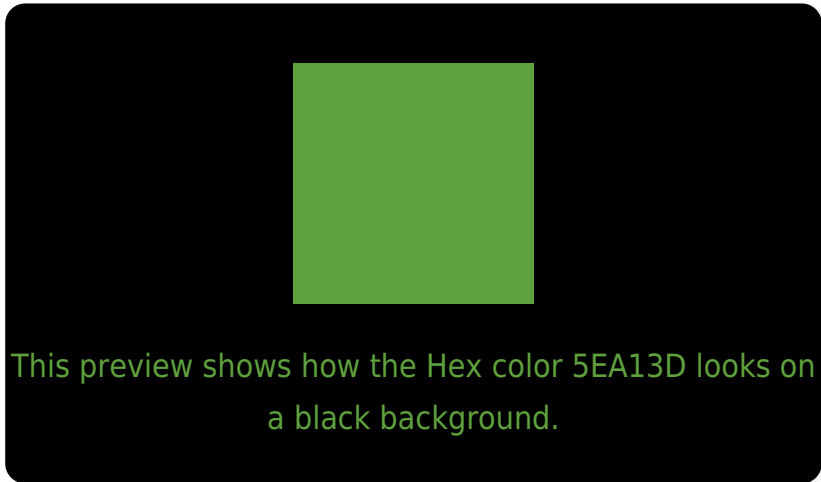
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 5EA13D Background



This preview shows how black text looks on a background with the Hex color 5EA13D.

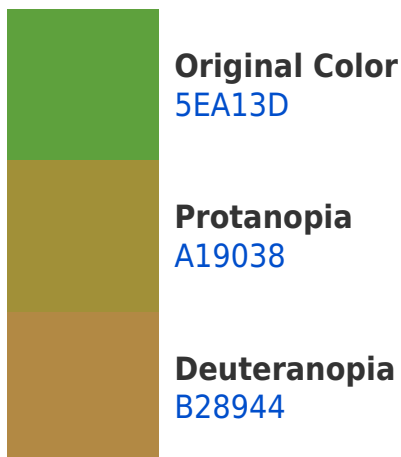


This preview shows how white text looks on a background with the Hex color 5EA13D.

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](#).

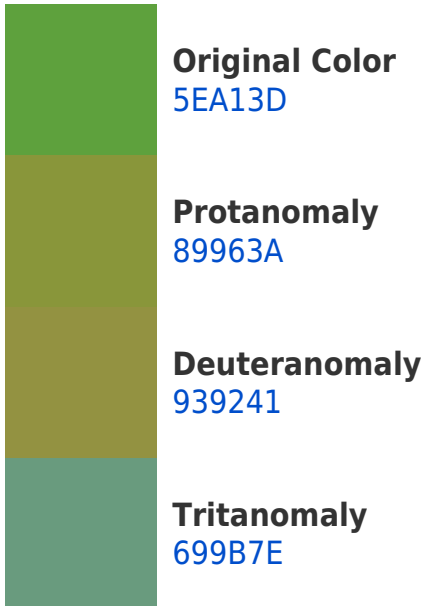
Dichromacy





Tritanopia
6F97A3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5EA13D 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 #5EA13D looks like.

```
.text, #text, p{  
    color:#5EA13D  
}
```

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 #5EA13D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5EA13D
}
```

Border

The CSS property to change the border of an element to Hex 5EA13D 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
#5EA13D }
```

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

```
.border{ border-color:#5EA13D }
```

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

Here you see how a box with a 4 pixel #5EA13D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5EA13D; -webkit-box-shadow:4px 4px  
4px 4px #5EA13D; box-shadow:4px 4px 4px  
4px #5EA13D }
```

Background

The CSS property to change the background color of an element to Hex 5EA13D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5EA13D }
```

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

```
.background{ background-color:#5EA13D }
```

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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