

Converting Colors

Hex(5EA655)

Have a look what the booklet for
Hex(5EA655) contains.

Hex(5EA655)	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(5EA655)

Conversions

Conversions Part 1

Format	Color
Hex	5EA655
RGB	94, 166, 85
RGB Percent	37%, 65%, 33%
CMY	0.6314, 0.3490, 0.6667
CMYK	0.43, 0.00, 0.49, 0.35
HSL	113°, 32%, 49%
HSV	113°, 49%, 65%
XYZ	19.8920, 30.3080, 13.3959
YIQ	135.2380, -16.9110, -40.4550

Conversions

Conversions Part 2

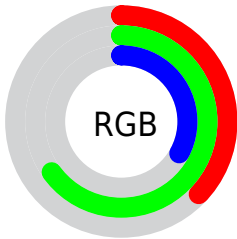
Format	Color
RYB	85, 166, 157
Decimal	6202965
CIELab	61.92, -39.00, 34.87
CIELCh	62, 52.316, 138.198
Yxy	30.3080, 0.3128, 0.4766
Android (android.graphics.Color)	4284393045 (0xFF5EA655)
YUV	135.2380, -24.7673, -36.1657
Hunter-Lab	55.0527, -31.8454, 24.1099

Details

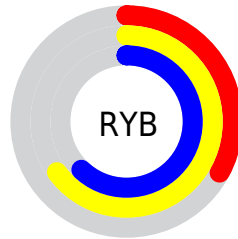
The Hex color **5EA655** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **9D55A6**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **94DE88**, and **277124** is the 20% darker color. If you saturate the color by 10%, you get **4FA644**, and if you desaturate by 10%, it is **6DA666**.

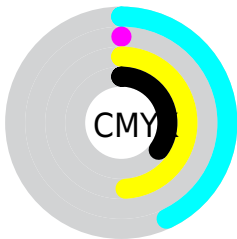
Distribution



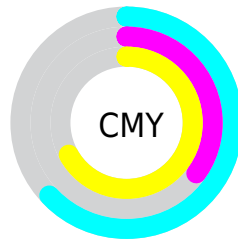
- Red (37%)
- Green (65%)
- Blue (33%)



- Red (33%)
- Yellow (65%)
- Blue (62%)



- Cyan (43%)
- Magenta (0%)
- Yellow (49%)
- Black (35%)



- Cyan (63%)
- Magenta (35%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5EA655 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 5EA655 by changing the saturation by 10% instead.



5EA655



5EA655

FFFFFF



438B3D



94DE88



277124



B0FAA3



00580B



CDFFBE



004000



E9FFDA



002A00



FFFFFF7



000D00



000000



5EA655



5EA655



4FA644



6DA666

 40A634

 7CA676

 32A623

 8AA687

 23A613

 99A697

 14A602

 A8A6A8

 12A600

 B7A6B9

 C5A6C9

 D4A6DA

 E3A6EA

Harmonies

Analogous

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



949C38



5EA655



00AB81

Triad

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



5EA655



00A0F0



EC6E7B

Complementary

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



5EA655



9D55A6

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.



E16FAA



5EA655



7891EE

Square

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



5EA655



00A9DA



BC7ED4



DE7B52

Rectangle

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



5EA655



00ADA1



BC7ED4



EB6C8B

Sweetspot

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



5EA655



BCD9B8



A69D55



5C6E5A



EDEDED



6E6E6E

Same Dimension

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



5EA655



67D959



55A674



4D544C



109400



021400

Inverse Universe

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



9D55A6



CB59D9



A65587



534C54



830094



120014

Previews

White Background



This preview shows how the Hex color 5EA655 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 5EA655 Background



This preview shows how black text looks on a background with the Hex color 5EA655.

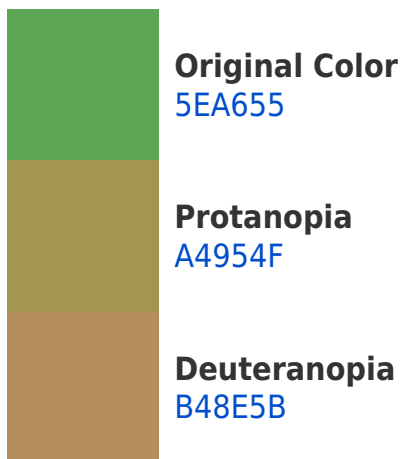


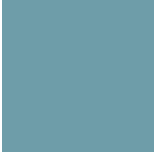
This preview shows how white text looks on a background with the Hex color 5EA655.

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
6E9DA9

Trichromacy



Original Color
5EA655



Protanomaly
8B9B51



Deuteranomaly
959759

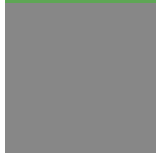


Tritanomaly
68A08A

Monochromacy



Original Color
5EA655



Achromatopsia
878787



Achromatomaly
789275

CSS Examples

Text

The CSS property to change the color of the text to Hex 5EA655 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 #5EA655 looks like.

```
.text, #text, p{  
    color:#5EA655  
}
```

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 #5EA655 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5EA655
}
```

Border

The CSS property to change the border of an element to Hex 5EA655 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
#5EA655 }
```

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

```
.border{ border-color:#5EA655 }
```

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

Here you see how a box with a 4 pixel #5EA655 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5EA655; -webkit-box-shadow:4px 4px  
4px 4px #5EA655; box-shadow:4px 4px 4px  
4px #5EA655 }
```

Background

The CSS property to change the background color of an element to Hex 5EA655 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5EA655 }
```

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

```
.background{ background-color:#5EA655 }
```

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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