

Converting Colors

Hex(5EA560)

Have a look what the booklet for
Hex(5EA560) contains.

Hex(5EA560)	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(5EA560)

Conversions

Conversions Part 1

Format	Color
Hex	5EA560
RGB	94, 165, 96
RGB Percent	37%, 65%, 38%
CMY	0.6314, 0.3529, 0.6235
CMYK	0.43, 0.00, 0.42, 0.35
HSL	122°, 28%, 51%
HSV	122°, 43%, 65%
XYZ	20.1825, 30.1345, 15.8191
YIQ	135.9050, -20.1670, -36.5110

Conversions

Conversions Part 2

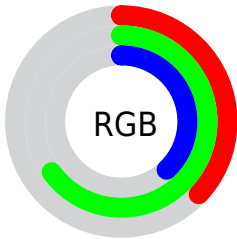
Format	Color
RYB	94, 163, 165
Decimal	6202720
CIELab	61.77, -36.92, 28.95
CIELCh	62, 46.913, 141.902
Yxy	30.1345, 0.3052, 0.4556
Android (android.graphics.Color)	4284392800 (0xFF5EA560)
YUV	135.9050, -19.6732, -36.7507
Hunter-Lab	54.8949, -30.4391, 21.3407

Details

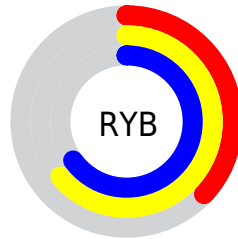
The Hex color **5EA560** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **A55EA3**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **94DD93**, and **287030** is the 20% darker color. If you saturate the color by 10%, you get **4EA550**, and if you desaturate by 10%, it is **6EA570**.

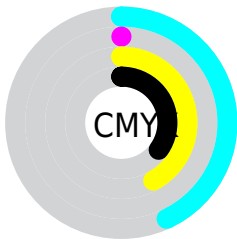
Distribution



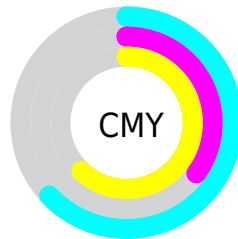
- Red (37%)
- Green (65%)
- Blue (38%)



- Red (37%)
- Yellow (64%)
- Blue (65%)



- Cyan (43%)
- Magenta (0%)
- Yellow (42%)
- Black (35%)



- Cyan (63%)
- Magenta (35%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5EA560 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 5EA560 by changing the saturation by 10% instead.



5EA560



5EA560

FFFFFF



438A48



94DD93



287030



B0F9AE



045719



CCFFCA



003F00



E9FFE6



002900



000C00



000000



5EA560



5EA560



4EA550



6EA570

 3DA540

 7FA580

 2CA530

 8FA590

 1CA520

 A0A5A0

 0CA510

 B0A5B0

 00A505

 C1A5C0

 D2A5D0

 E2A5E0

 F3A5F0

Harmonies

Analogous

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



8F9C45



5EA560



00AA88

Triad

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



5EA560



1C9DE7



E37479

Complementary

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



5EA560



A55EA3

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.



DC73A2



5EA560



868FE2

Square

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



5EA560



00A6D6



BE7EC9



D58055

Rectangle

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



5EA560



00AAA5



BE7EC9



E37286

Sweetspot

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



5EA560



BAD6BB



A4A55E



5A6B5A



EBEBEB



6B6B6B

Same Dimension

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



5EA560



67D66A



5EA583



49524A



009104



001201

Inverse Universe

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



A55EA3



D667D3



A55E80



524951



91008D



120011

Previews

White Background



This preview shows how the Hex color 5EA560 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

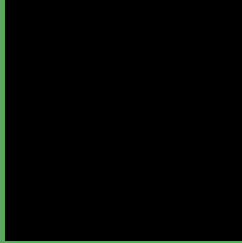
Any Text WCAG AA ✓ Pass

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 5EA560 Background



This preview shows how black text looks on a background with the Hex color 5EA560.

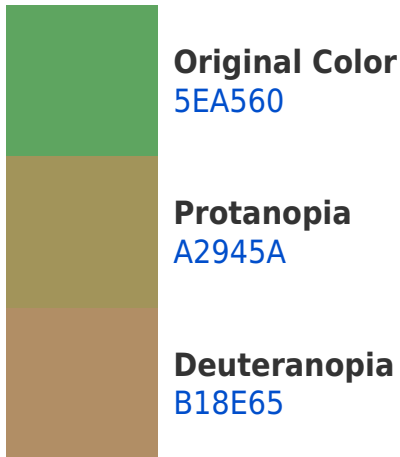


This preview shows how white text looks on a background with the Hex color 5EA560.

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](#).

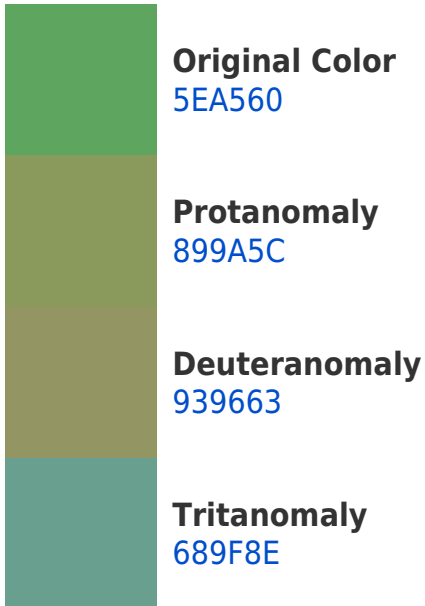
Dichromacy



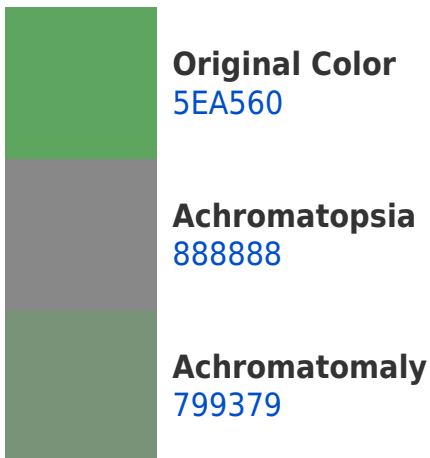


Tritanopia
6D9CA9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5EA560 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 #5EA560 looks like.

```
.text, #text, p{  
    color:#5EA560  
}
```

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 #5EA560 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5EA560
}
```

Border

The CSS property to change the border of an element to Hex 5EA560 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
#5EA560 }
```

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

```
.border{ border-color:#5EA560 }
```

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

Here you see how a box with a 4 pixel #5EA560 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5EA560; -webkit-box-shadow:4px 4px  
4px 4px #5EA560; box-shadow:4px 4px 4px  
4px #5EA560 }
```

Background

The CSS property to change the background color of an element to Hex 5EA560 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5EA560 }
```

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

```
.background{ background-color:#5EA560 }
```

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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