

Converting Colors

Hex(5EA065)

Have a look what the booklet for
Hex(5EA065) contains.

Hex(5EA065)	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(5EA065)

Conversions

Conversions Part 1

Format	Color
Hex	5EA065
RGB	94, 160, 101
RGB Percent	37%, 63%, 40%
CMY	0.6314, 0.3725, 0.6039
CMYK	0.41, 0.00, 0.37, 0.37
HSL	126°, 26%, 50%
HSV	126°, 41%, 63%
XYZ	19.5359, 28.4609, 16.7758
YIQ	133.5400, -20.3970, -32.3410

Conversions

Conversions Part 2

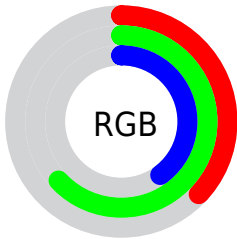
Format	Color
RYB	94, 154, 160
Decimal	6201445
CIELab	60.30, -33.82, 24.34
CIElCh	60, 41.663, 144.256
Yxy	28.4609, 0.3016, 0.4394
Android (android.graphics.Color)	4284391525 (0xFF5EA065)
YUV	133.5400, -16.0422, -34.6766
Hunter-Lab	53.3487, -27.9951, 18.7001

Details

The Hex color **5EA065** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **A05E99**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **93D798**, and **296C35** is the 20% darker color. If you saturate the color by 10%, you get **4EA057**, and if you desaturate by 10%, it is **6EA073**.

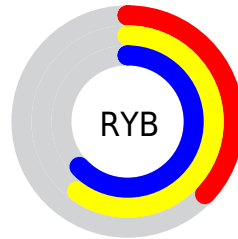
Distribution



Red (37%)

Green (63%)

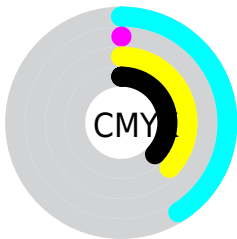
Blue (40%)



Red (37%)

Yellow (60%)

Blue (63%)

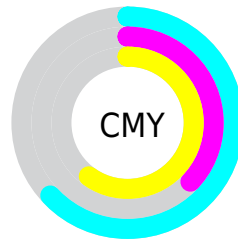


Cyan (41%)

Magenta (0%)

Yellow (37%)

Black (37%)



Cyan (63%)

Magenta (37%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5EA065 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 5EA065 by changing the saturation by 10% instead.

 5EA065

 5EA065

FFFFFF

 44864D

 93D798

 296C35

 AFF4B3

 09531F

 CBFFCF

 003B08

 E8FFEB

 002600

 000200

 000000

 5EA065

 5EA065

 4EA057

 6EA073

■ 3EA048

■ 7EA082

■ 2EA03A

■ 8EA090

■ 1EA02C

■ 9EA09E

■ 0EA01D

■ AEA0AD

■ 00A011

■ BEA0BB

■ CEA0C9

■ DEA0D7

■ EEA0E6

Harmonies

Analogous

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



8A984C



5EA065



15A489

Triad

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



5EA065



4297DA



D77575

Complementary

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



5EA065



A05E99

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.



D2749A



5EA065



8A8BD4

Square

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



5EA065



00A0CC



B87DBD



C98057

Rectangle

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



5EA065



00A4A2



B87DBD



D77381

Sweetspot

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



5EA065



B8D1BB



99A05E



5A695B



E8E8E8



696969

Same Dimension

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



5EA065



69D174



5EA086



474F48



008F0F



000F02

Inverse Universe

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



A05E99



D169C6



A05E78



4F474E



8F0080



0F000E

Previews

White Background



This preview shows how the Hex color 5EA065 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

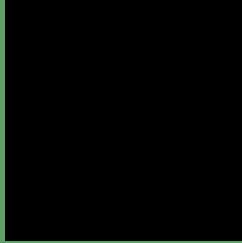
Any Text WCAG AA ✓ Pass

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 5EA065 Background



This preview shows how black text looks on a background with the Hex color 5EA065.

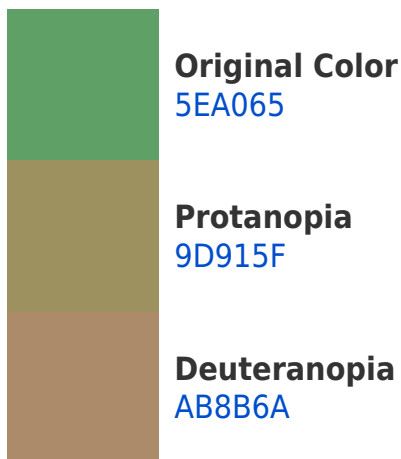


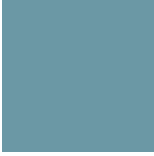
This preview shows how white text looks on a background with the Hex color 5EA065.

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
6B98A5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5EA065 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 #5EA065 looks like.

```
.text, #text, p{  
    color:#5EA065  
}
```

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 #5EA065 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5EA065
}
```

Border

The CSS property to change the border of an element to Hex 5EA065 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
#5EA065 }
```

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

```
.border{ border-color:#5EA065 }
```

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

Here you see how a box with a 4 pixel #5EA065 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5EA065; -webkit-box-shadow:4px 4px  
4px 4px #5EA065; box-shadow:4px 4px 4px  
4px #5EA065 }
```

Background

The CSS property to change the background color of an element to Hex 5EA065 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5EA065 }
```

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

```
.background{ background-color:#5EA065 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor