

Converting Colors

Hex(5BA462)

Have a look what the booklet for
Hex(5BA462) contains.

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Color

Hex(5BA462)

Conversions

Conversions Part 1

Format	Color
Hex	5BA462
RGB	91, 164, 98
RGB Percent	36%, 64%, 38%
CMY	0.6431, 0.3569, 0.6157
CMYK	0.45, 0.00, 0.40, 0.36
HSL	126°, 29%, 50%
HSV	126°, 45%, 64%
XYZ	19.7944, 29.6569, 16.2364
YIQ	134.6490, -22.3220, -36.0020

Conversions

Conversions Part 2

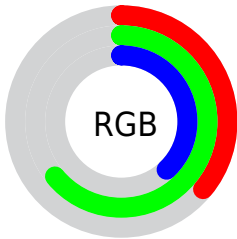
Format	Color
RYB	91, 158, 164
Decimal	6005858
CIELab	61.36, -37.06, 27.32
CIElCh	61, 46.042, 143.608
Yxy	29.6569, 0.3013, 0.4515
Android (android.graphics.Color)	4284195938 (0xFF5BA462)
YUV	134.6490, -18.0680, -38.2802
Hunter-Lab	54.4582, -30.4206, 20.4438

Details

The Hex color **5BA462** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **A45B9D**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **91DC95**, and **246F32** is the 20% darker color. If you saturate the color by 10%, you get **4BA453**, and if you desaturate by 10%, it is **6BA471**.

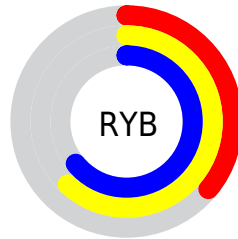
Distribution



Red (36%)

Green (64%)

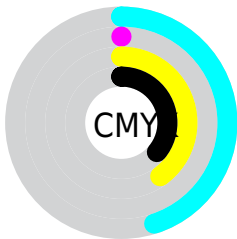
Blue (38%)



Red (36%)

Yellow (62%)

Blue (64%)

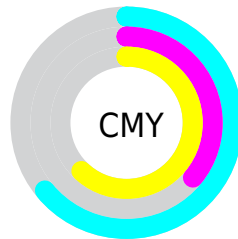


Cyan (45%)

Magenta (0%)

Yellow (40%)

Black (36%)



Cyan (64%)

Magenta (36%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5BA462 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 5BA462 by changing the saturation by 10% instead.

 5BA462

 5BA462

FFFFFF

 40894A

 91DC95

 246F32

 ADF8B0

 00571B

 C9FFCC

 003E03

 E6FFE8

 002900

 000900

 000000

 5BA462

 5BA462

 4BA453

 6BA471

 3AA444

 7CA480

 2AA436

 8CA48E

 19A427

 9DA49D

 09A418

 ADA4AC

 00A410

 BDA4BB

 CEA4CA

 DEA4D9

 EFA4E7

Harmonies

Analogous

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



8C9C46



5BA462



00A88A

Triad

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



5BA462



2D9BE5



E07476

Complementary

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



5BA462



A45B9D

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.



DB729F



5BA462



898DDF

Square

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



5BA462



00A4D5



BE7DC5



D18054

Rectangle

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



5BA462



00A9A6



BE7DC5



E17283

Sweetspot

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



5BA462



BAD6BD



9EA45B



5A6B5C



EBEBEB



6B6B6B

Same Dimension

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



5BA462



65D670



5BA486



49524A



00910E



001202

Inverse Universe

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



A45B9D



D665CB



A45B79



524951



910083



120010

Previews

White Background



This preview shows how the Hex color 5BA462 looks on a white background.

Color Contrast Check

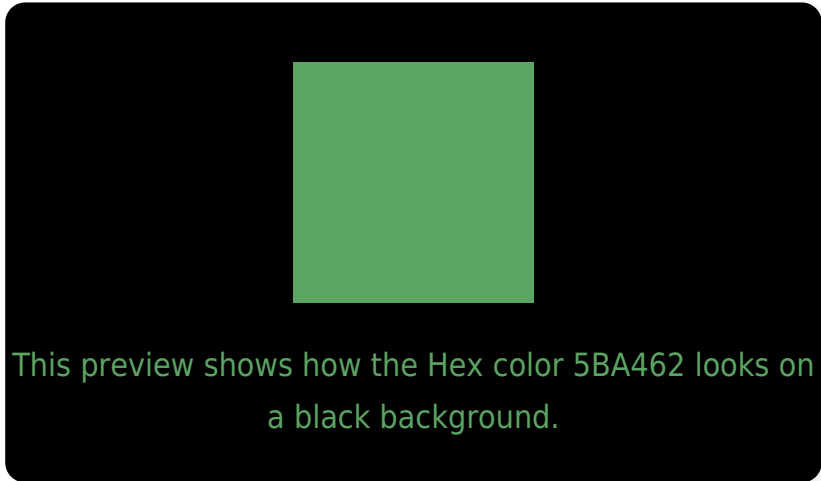
Large Text (above 18pt) WCAG AA ✓ Pass

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

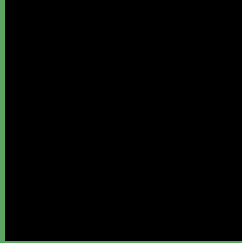
Any Text WCAG AA ✓ Pass

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 5BA462 Background



This preview shows how black text looks on a background with the Hex color 5BA462.

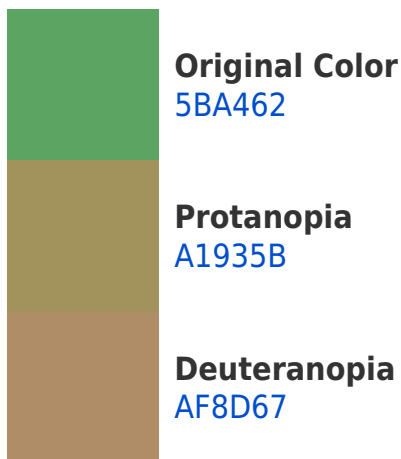


This preview shows how white text looks on a background with the Hex color 5BA462.

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](#).

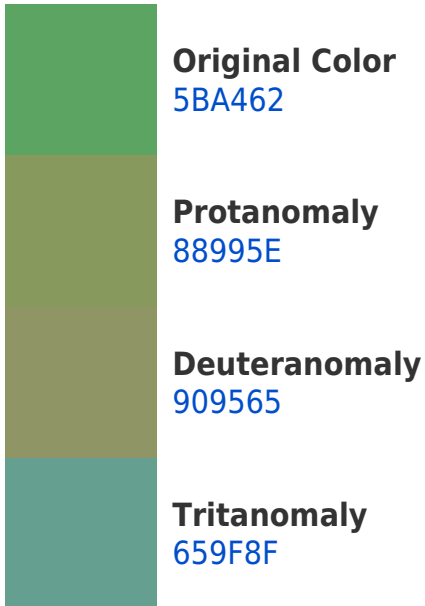
Dichromacy





Tritanopia
6A9CA8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5BA462 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 #5BA462 looks like.

```
.text, #text, p{  
    color:#5BA462  
}
```

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 #5BA462 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5BA462
}
```

Border

The CSS property to change the border of an element to Hex 5BA462 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
#5BA462 }
```

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

```
.border{ border-color:#5BA462 }
```

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

Here you see how a box with a 4 pixel #5BA462 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5BA462; -webkit-box-shadow:4px 4px  
4px 4px #5BA462; box-shadow:4px 4px 4px  
4px #5BA462 }
```

Background

The CSS property to change the background color of an element to Hex 5BA462 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5BA462 }
```

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

```
.background{ background-color:#5BA462 }
```

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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