

Converting Colors

Hex(59A462)

Have a look what the booklet for
Hex(59A462) contains.

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Color

Hex(59A462)

Conversions

Conversions Part 1

Format	Color
Hex	59A462
RGB	89, 164, 98
RGB Percent	35%, 64%, 38%
CMY	0.6510, 0.3569, 0.6157
CMYK	0.46, 0.00, 0.40, 0.36
HSL	127°, 30%, 50%
HSV	127°, 46%, 64%
XYZ	19.5999, 29.5566, 16.2272
YIQ	134.0510, -23.5140, -36.4260

Conversions

Conversions Part 2

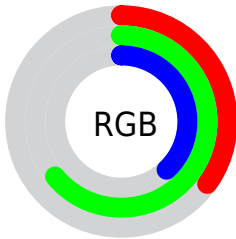
Format	Color
R_{YB}	89, 156, 164
Decimal	5874786
CIE _{Lab}	61.27, -37.66, 27.19
CIE _{LCh}	61, 46.448, 144.175
Yxy	29.5566, 0.2998, 0.4520
Android (android.graphics.Color)	4284064866 (0xFF59A462)
YUV	134.0510, -17.7731, -39.5097
Hunter-Lab	54.3660, -30.7881, 20.3592

Details

The Hex color **59A462** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **A4599B**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **8FDC95**, and **226F32** is the 20% darker color. If you saturate the color by 10%, you get **49A454**, and if you desaturate by 10%, it is **69A470**.

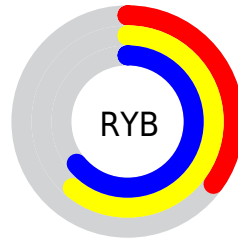
Distribution



Red (35%)

Green (64%)

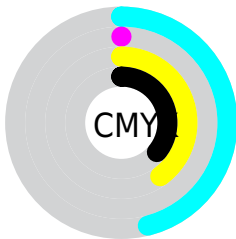
Blue (38%)



Red (35%)

Yellow (61%)

Blue (64%)

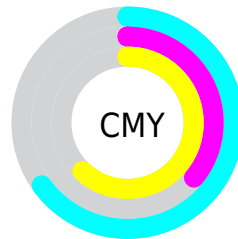


Cyan (46%)

Magenta (0%)

Yellow (40%)

Black (36%)



Cyan (65%)

Magenta (36%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 59A462 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 59A462 by changing the saturation by 10% instead.

 59A462

 59A462

FFFFFF

 3E894A

 8FDC95

 226F32

 ABF8B0

 00561B

 C7FFCC

 003E03

 E4FFE8

 002900

 000900

 000000

 59A462

 59A462

 49A454

 69A470

 38A445

 7AA47F

 28A437

 8AA48D

 17A428

 9BA49C

 07A41A

 ABA4AA

 00A414

 BBA4B9

 CCA4C7

 DCA4D5

 EDA4E4

Harmonies

Analogous

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



8B9C46



59A462



00A88A

Triad

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



59A462



2D9BE5



E07375

Complementary

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



59A462



A4599B

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.



DB729E



59A462



8A8CDF

Square

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



59A462



00A4D6



BF7CC4



D18052

Rectangle

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



59A462



00A9A7



BF7CC4



E17182

Sweetspot

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



59A462



B8D6BC



9BA459



596B5B



EBEBEB



6B6B6B

Same Dimension

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



59A462



60D66F



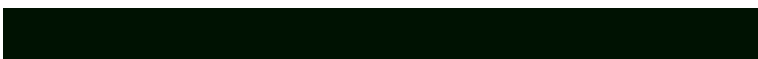
59A487



49524A



009111



001202

Inverse Universe

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



A4599B



D660C8



A45976



524951



910080



120010

Previews

White Background



This preview shows how the Hex color 59A462 looks on a white background.

Color Contrast Check

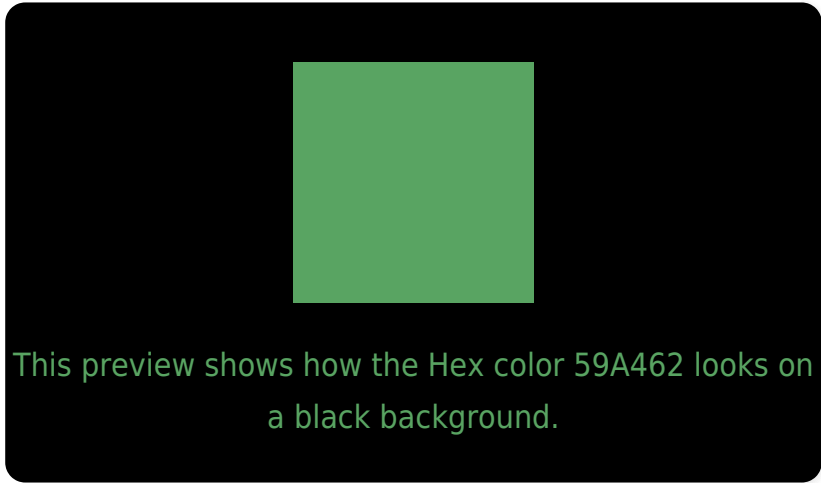
Large Text (above 18pt) WCAG AA ✓ Pass

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

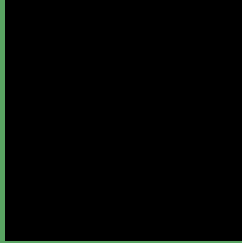
Any Text WCAG AA ✓ Pass

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 59A462 Background



This preview shows how black text looks on a background with the Hex color 59A462.

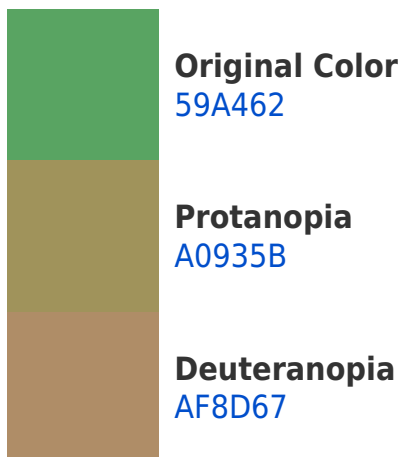


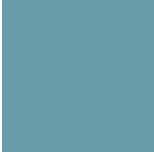
This preview shows how white text looks on a background with the Hex color 59A462.

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](#).

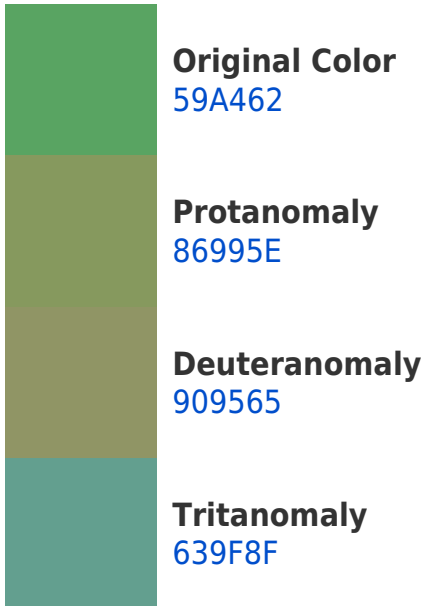
Dichromacy



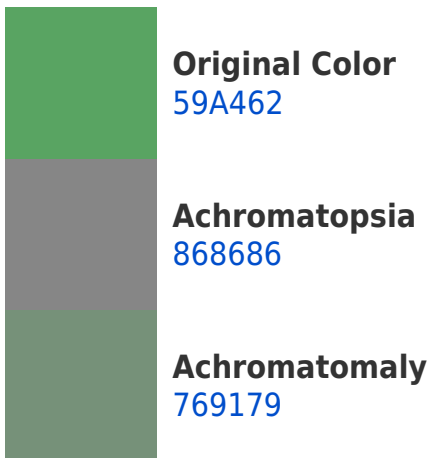


Tritanopia
689CA8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 59A462 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 #59A462 looks like.

```
.text, #text, p{  
    color:#59A462  
}
```

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 #59A462 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #59A462
}
```

Border

The CSS property to change the border of an element to Hex 59A462 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
#59A462 }
```

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

```
.border{ border-color:#59A462 }
```

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

Here you see how a box with a 4 pixel #59A462 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #59A462; -webkit-box-shadow:4px 4px  
4px 4px #59A462; box-shadow:4px 4px 4px  
4px #59A462 }
```

Background

The CSS property to change the background color of an element to Hex 59A462 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#59A462 }
```

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

```
.background{ background-color:#59A462 }
```

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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