

Converting Colors

Hex(59A251)

Have a look what the booklet for
Hex(59A251) contains.

Hex(59A251)	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(59A251)

Conversions

Conversions Part 1

Format	Color
Hex	59A251
RGB	89, 162, 81
RGB Percent	35%, 64%, 32%
CMY	0.6510, 0.3647, 0.6824
CMYK	0.45, 0.00, 0.50, 0.36
HSL	114°, 33%, 48%
HSV	114°, 50%, 64%
XYZ	18.5254, 28.5586, 12.3206
YIQ	130.9390, -17.5070, -40.6670

Conversions

Conversions Part 2

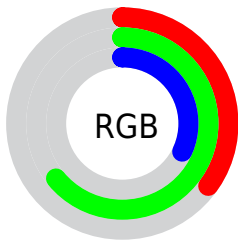
Format	Color
RYB	81, 162, 154
Decimal	5874257
CIELab	60.39, -39.37, 34.97
CIElCh	60, 52.658, 138.385
Yxy	28.5586, 0.3119, 0.4807
Android (android.graphics.Color)	4284064337 (0xFF59A251)
YUV	130.9390, -24.6199, -36.7805
Hunter-Lab	53.4402, -31.6424, 23.7390

Details

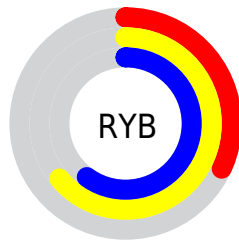
The Hex color **59A251** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **9A51A2**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **8FD984**, and **216E21** is the 20% darker color. If you saturate the color by 10%, you get **4AA241**, and if you desaturate by 10%, it is **68A261**.

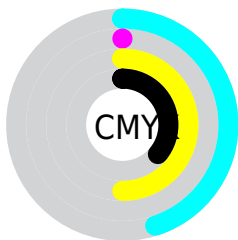
Distribution



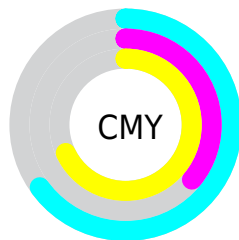
- Red (35%)
- Green (64%)
- Blue (32%)



- Red (32%)
- Yellow (64%)
- Blue (60%)



- Cyan (45%)
- Magenta (0%)
- Yellow (50%)
- Black (36%)



- Cyan (65%)
- Magenta (36%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color 59A251 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 59A251 by changing the saturation by 10% instead.

 59A251

 59A251

FFFFFF

 3E8739

 8FD984

 216E21

 ABF69F

 005506

 C7FFBA

 003D00

 E4FFD6

 002800

 FFFFF3

 000300

 000000

 59A251

 59A251

 4AA241

 68A261

 3CA231

 76A271

 2DA220

 85A282

 1FA210

 93A292

 10A200

 A2A2A2

 B1A2B2

 BFA2C2

 CEA2D3

 DCA2E3

Harmonies

Analogous

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



909833



59A251



00A77D

Triad

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



59A251



009CEC



E76977

Complementary

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



59A251



9A51A2

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.



DD6AA6



59A251



748DEA

Square

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



59A251



00A5D6



B879D0



DA774E

Rectangle

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



59A251



00A89E



B879D0



E76886

Sweetspot

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



59A251



B7D4B4



A29A51



5A6B58



EBEBEB



6B6B6B

Same Dimension

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



59A251



61D455



51A271



4A5249



0E9100



021200

Inverse Universe

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



9A51A2



C755D4



A25182



514952



830091



100012

Previews

White Background



This preview shows how the Hex color 59A251 looks on a white background.

Color Contrast Check

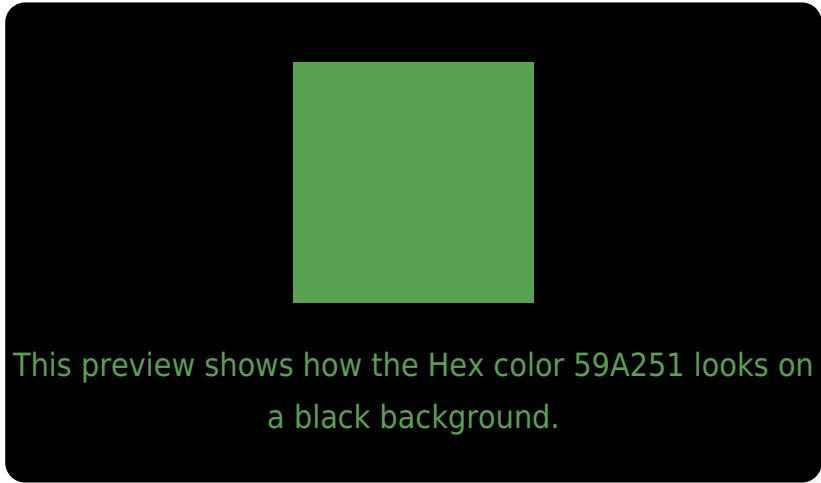
Large Text (above 18pt) WCAG AA ✓ Pass

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

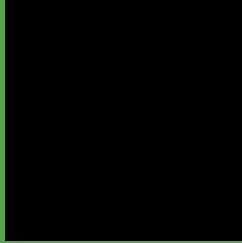
Any Text WCAG AA ✓ Pass

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 59A251 Background



This preview shows how black text looks on a background with the Hex color 59A251.

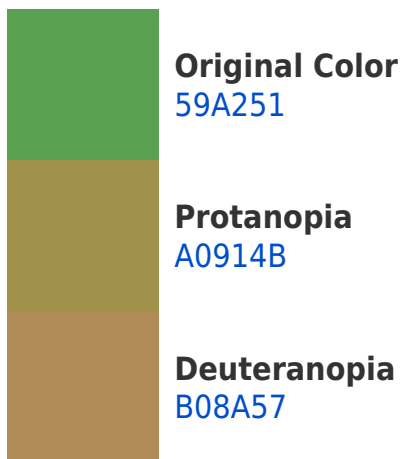


This preview shows how white text looks on a background with the Hex color 59A251.

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
6A99A5

Trichromacy



Original Color
59A251



Protanomaly
86974D



Deuteranomaly
909355



Tritanomaly
649C86

Monochromacy



Original Color
59A251



Achromatopsia
838383



Achromatomaly
748E71

CSS Examples

Text

The CSS property to change the color of the text to Hex 59A251 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 #59A251 looks like.

```
.text, #text, p{  
    color:#59A251  
}
```

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 #59A251 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #59A251
}
```

Border

The CSS property to change the border of an element to Hex 59A251 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
#59A251 }
```

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

```
.border{ border-color:#59A251 }
```

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

Here you see how a box with a 4 pixel #59A251 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #59A251; -webkit-box-shadow:4px 4px  
4px 4px #59A251; box-shadow:4px 4px 4px  
4px #59A251 }
```

Background

The CSS property to change the background color of an element to Hex 59A251 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#59A251 }
```

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

```
.background{ background-color:#59A251 }
```

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