

Converting Colors

Hex(59D449)

Have a look what the booklet for
Hex(59D449) contains.

Hex(59D449)	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(59D449)

Conversions

Conversions Part 1

Format	Color
Hex	59D449
RGB	89, 212, 73
RGB Percent	35%, 83%, 29%
CMY	0.6510, 0.1686, 0.7137
CMYK	0.58, 0.00, 0.66, 0.17
HSL	113°, 62%, 56%
HSV	113°, 66%, 83%
XYZ	28.8659, 49.6919, 14.3734
YIQ	159.3770, -28.6890, -69.3050

Conversions

Conversions Part 2

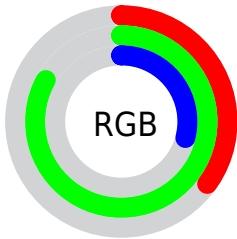
Format	Color
RYB	73, 212, 196
Decimal	5887049
CIELab	75.88, -59.95, 56.58
CIElCh	76, 82.430, 136.655
Yxy	49.6919, 0.3106, 0.5347
Android (android.graphics.Color)	4284077129 (0xFF59D449)
YUV	159.3770, -42.5839, -61.7206
Hunter-Lab	70.4924, -50.2679, 37.2555

Details

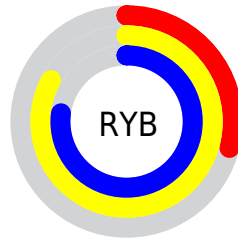
The Hex color **59D449** is a dark color, and the websafe version is hex **66CC33**. The color can be described as dark muted green. A complement of this color would be **C449D4**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **96FF7F**, and **009C07** is the 20% darker color. If you saturate the color by 10%, you get **46D434**, and if you desaturate by 10%, it is **6CD45E**.

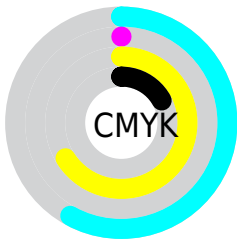
Distribution



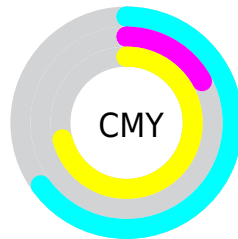
- Red (35%)
- Green (83%)
- Blue (29%)



- Red (29%)
- Yellow (83%)
- Blue (77%)



- Cyan (58%)
- Magenta (0%)
- Yellow (66%)
- Black (17%)



- Cyan (65%)
- Magenta (17%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 59D449 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 59D449 by changing the saturation by 10% instead.

 59D449

 59D449

FFFFFF

 37B82D

 96FF7F

 009C07

 B4FF9B

 008100

 D2FFB7

 006700

 F0FFD3

 004E00

 FFFFF1

 003600

 001D00

 000000

 59D449

 59D449

 46D434

 6CD45E

 33D41F

 7FD473

 21D409

 91D489

 18D400

 A4D49E

 B7D4B3

 CAD4C8

 DCD4DD

 EFD4F3

 FFD4FF

Harmonies

Analogous

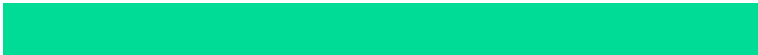
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



B7C400



59D449



00DC95

Triad

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



59D449



00CEFF



FF6E94

Complementary

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



59D449



C449D4

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.



FF72E0



59D449



6CB5FF

Square

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



59D449



00DAFF



F393FF



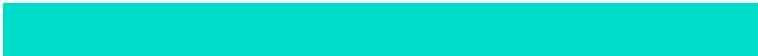
FF8A4E

Rectangle

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



59D449



00DECA



F393FF



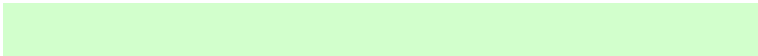
FF6BAD

Sweetspot

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



59D449



D2FFCC



D4C449



648061



000000



808080

Same Dimension

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



59D449



4DFF36



49D47E



626B60



14AB00



052B00

Inverse Universe

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



C449D4



E836FF



D4499F



6A606B



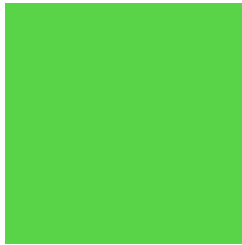
9700AB



26002B

Previews

White Background



This preview shows how the Hex color 59D449 looks on a white background.

Color Contrast Check

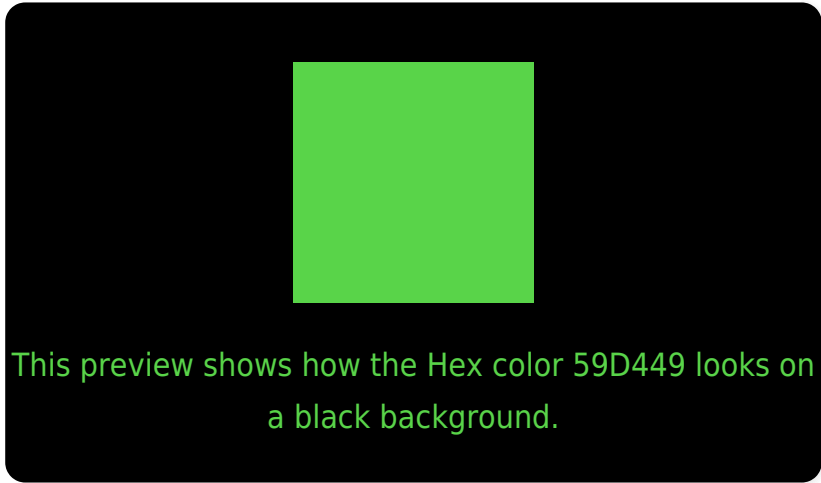
Large Text (above 18pt) WCAG AA × Fail

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

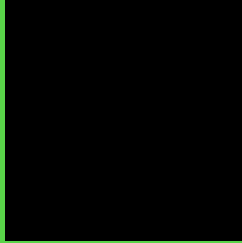
Any Text WCAG AA ✓ Pass

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 59D449 Background



This preview shows how black text looks on a background with the Hex color 59D449.

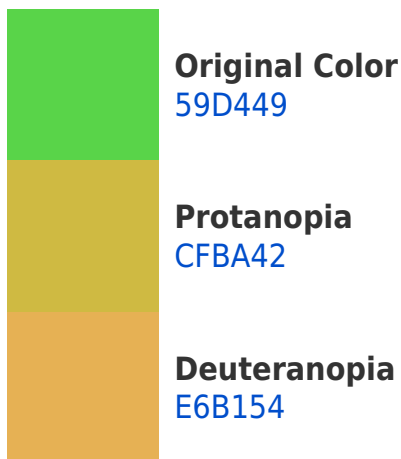


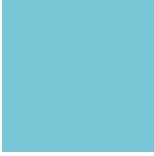
This preview shows how white text looks on a background with the Hex color 59D449.

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
78C6D6

Trichromacy



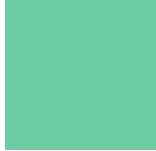
Original Color
59D449



Protanomaly
A4C345



Deuteranomaly
B3BE50

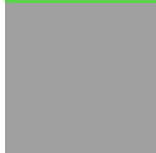


Tritanomaly
6DCBA3

Monochromacy



Original Color
59D449



Achromatopsia
9F9F9F



Achromatomaly
86B280

CSS Examples

Text

The CSS property to change the color of the text to Hex 59D449 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 #59D449 looks like.

```
.text, #text, p{  
    color:#59D449  
}
```

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 #59D449 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #59D449
}
```

Border

The CSS property to change the border of an element to Hex 59D449 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
#59D449 }
```

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

```
.border{ border-color:#59D449 }
```

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

Here you see how a box with a 4 pixel #59D449 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #59D449; -webkit-box-shadow:4px 4px  
4px 4px #59D449; box-shadow:4px 4px 4px  
4px #59D449 }
```

Background

The CSS property to change the background color of an element to Hex 59D449 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#59D449 }
```

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

```
.background{ background-color:#59D449 }
```

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