

Converting Colors

Hex(49E65E)

Have a look what the booklet for
Hex(49E65E) contains.

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Color

Hex(49E65E)

Conversions

Conversions Part 1

Format	Color
Hex	49E65E
RGB	73, 230, 94
RGB Percent	29%, 90%, 37%
CMY	0.7137, 0.0980, 0.6314
CMYK	0.68, 0.00, 0.59, 0.10
HSL	128°, 76%, 59%
HSV	128°, 68%, 90%
XYZ	33.0648, 58.8182, 20.2000
YIQ	167.5530, -49.9160, -75.5800

Conversions

Conversions Part 2

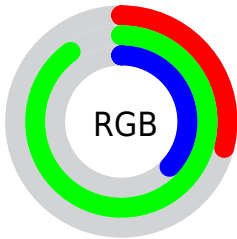
Format	Color
RYB	73, 211, 230
Decimal	4843102
CIELab	81.19, -67.28, 53.50
CIELCh	81, 85.959, 141.505
Yxy	58.8182, 0.2950, 0.5248
Android (android.graphics.Color)	4283033182 (0xFF49E65E)
YUV	167.5530, -36.2616, -82.9230
Hunter-Lab	76.6931, -57.2557, 38.0689

Details

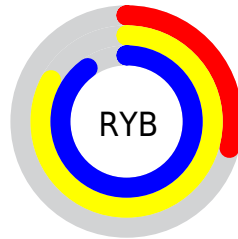
The Hex color **49E65E** is a dark color, and the websafe version is hex **66FF66**. The color can be described as dark muted green. A complement of this color would be **E649D1**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **8CFF94**, and **00AD27** is the 20% darker color. If you saturate the color by 10%, you get **32E64A**, and if you desaturate by 10%, it is **60E672**.

Distribution



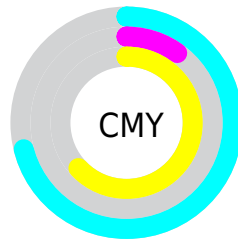
- Red (29%)
- Green (90%)
- Blue (37%)



- Red (29%)
- Yellow (83%)
- Blue (90%)



- Cyan (68%)
- Magenta (0%)
- Yellow (59%)
- Black (10%)



- Cyan (71%)
- Magenta (10%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color 49E65E 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 49E65E by changing the saturation by 10% instead.

 49E65E

 49E65E


FFFFFF

 18C943

 8CFF94

 00AD27

 ABFFB0

 009100

 CAFFCC

 007700

 E8FFE9

 005C00

 004300

 002B00

 000800

 000000

 49E65E

 49E65E

 32E64A

 60E672

 1BE636

 77E686

 04E622

 8EE69A

 00E61F

 A5E6AE

 BCE6C2

 D3E6D6

 EAE6E9

 FFE6FD

 FFE6FF

Harmonies

Analogous

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



B9D704



49E65E



00EDAF

Triad

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



49E65E



00DAFF



FF7C94

Complementary

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



49E65E



E649D1

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.



FF7AE4



49E65E



99BEFF

Square

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



49E65E



00E9FF



FF99FF



FF9C4B

Rectangle

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



49E65E



00EFE7



FF99FF



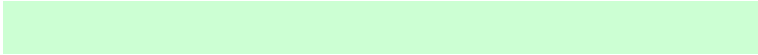
FF77AE

Sweetspot

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



49E65E



CCFFD3



D1E649



618065



000000



808080

Same Dimension

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



49E65E



2EFF4A



49E6AC



677369



00B318



003307

Inverse Universe

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



E649D1



FF2EE3



E64983



736771



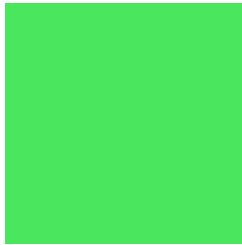
B3009B



33002C

Previews

White Background



This preview shows how the Hex color 49E65E 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



This preview shows how the Hex color 49E65E looks on a 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 49E65E Background



This preview shows how black text looks on a background with the Hex color 49E65E.

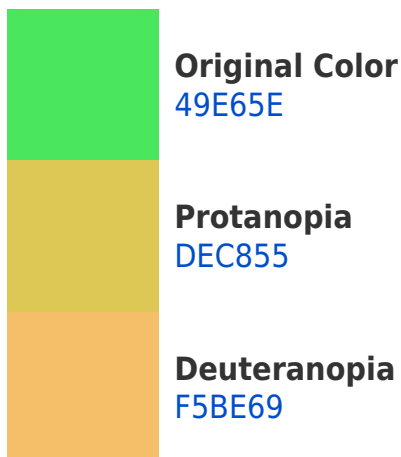


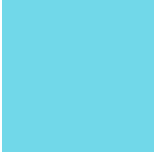
This preview shows how white text looks on a background with the Hex color 49E65E.

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](#).

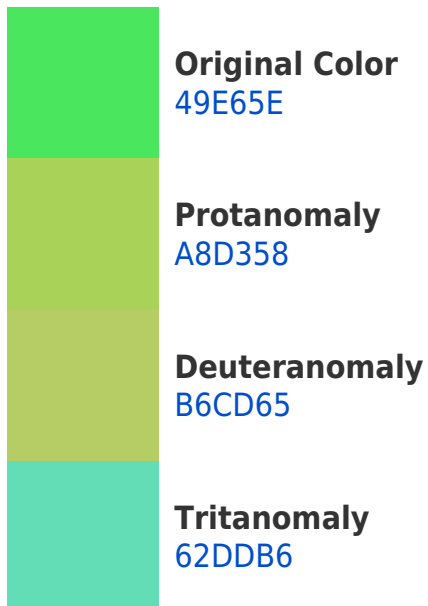
Dichromacy



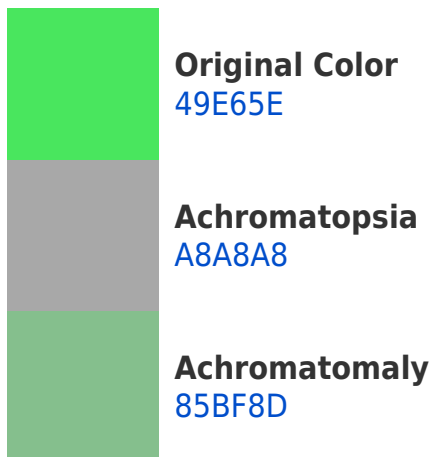


Tritanopia
71D8E9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 49E65E 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 #49E65E looks like.

```
.text, #text, p{  
    color:#49E65E  
}
```

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 #49E65E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #49E65E
}
```

Border

The CSS property to change the border of an element to Hex 49E65E 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
#49E65E }
```

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

```
.border{ border-color:#49E65E }
```

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

Here you see how a box with a 4 pixel #49E65E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #49E65E; -webkit-box-shadow:4px 4px  
4px 4px #49E65E; box-shadow:4px 4px 4px  
4px #49E65E }
```

Background

The CSS property to change the background color of an element to Hex 49E65E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#49E65E }
```

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

```
.background{ background-color:#49E65E }
```

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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