

Converting Colors

Hex(59D075)

Have a look what the booklet for
Hex(59D075) contains.

Hex(59D075)	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(59D075)

Conversions

Conversions Part 1

Format	Color
Hex	59D075
RGB	89, 208, 117
RGB Percent	35%, 82%, 46%
CMY	0.6510, 0.1843, 0.5412
CMYK	0.57, 0.00, 0.44, 0.18
HSL	134°, 56%, 58%
HSV	134°, 57%, 82%
XYZ	29.8866, 48.5200, 24.6197
YIQ	162.0450, -41.7130, -53.5290

Conversions

Conversions Part 2

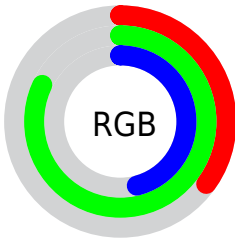
Format	Color
R_{YB}	89, 185, 208
Decimal	5886069
CIE _{Lab}	75.15, -52.89, 35.31
CIE _{LCh}	75, 63.598, 146.271
Yxy	48.5200, 0.2901, 0.4709
Android (android.graphics.Color)	4284076149 (0xFF59D075)
YUV	162.0450, -22.2072, -64.0605
Hunter-Lab	69.6563, -45.3116, 27.8036

Details

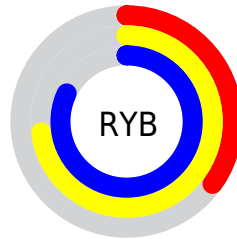
The Hex color **59D075** is a dark color, and the websafe version is hex **66CC66**. The color can be described as middle muted spring green. A complement of this color would be **D059B4**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **94FFAA**, and **099843** is the 20% darker color. If you saturate the color by 10%, you get **44D065**, and if you desaturate by 10%, it is **6ED085**.

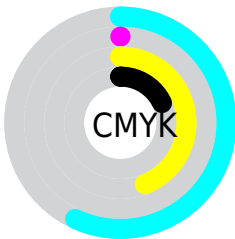
Distribution



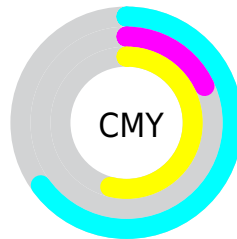
- Red (35%)
- Green (82%)
- Blue (46%)



- Red (35%)
- Yellow (73%)
- Blue (82%)



- Cyan (57%)
- Magenta (0%)
- Yellow (44%)
- Black (18%)



- Cyan (65%)
- Magenta (18%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 59D075 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 59D075 by changing the saturation by 10% instead.

 59D075

 59D075

FFFFFF

 39B45C

 94FFAA

 099843

 B1FFC6

 007E2B

 CFFFE2

 006411

 EDFFFF

 004B00

 003300

 001B00

 000000

 59D075

 59D075

 44D065

 6ED085

 2FD055

 83D095

 1BD045

 97D0A5

 06D035

 ACD0B5

 00D031

 C1D0C5

 D6D0D4

 EBD0E4

 FFD0F4

 FFD0FF

Harmonies

Analogous

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



A6C549



59D075



00D5B0

Triad

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



59D075



00C2FF



FF8989

Complementary

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



59D075



D059B4

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.



FF85C3



59D075



AFADFF

Square

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



59D075



00CFFF



FA94FB



FF9D58

Rectangle

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



59D075



00D6D8



FA94FB



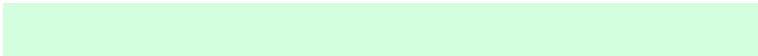
FF859B

Sweetspot

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



59D075



D4FFDE



B4D059



66806C



000000



808080

Same Dimension

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



59D075



4FFF78



59D0B0



5E6961



00A828



00290A

Inverse Universe

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



D059B4



FF4FD6



D05979



695E66



A80081



29001F

Previews

White Background



This preview shows how the Hex color 59D075 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 59D075 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

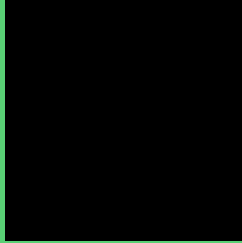
Any Text WCAG AA ✓ Pass

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 59D075 Background



This preview shows how black text looks on a background with the Hex color 59D075.

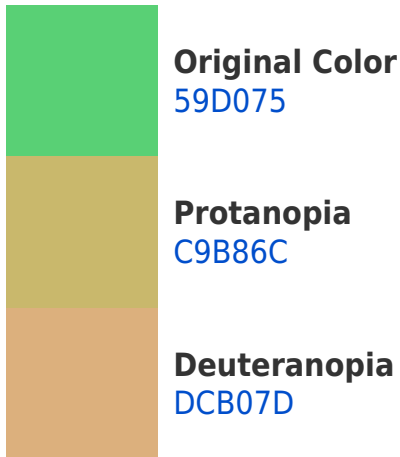


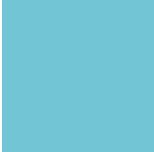
This preview shows how white text looks on a background with the Hex color 59D075.

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
72C5D5

Trichromacy



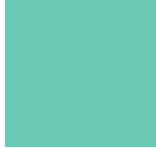
Original Color
59D075



Protanomaly
A0C16F



Deuteranomaly
ACBC7A



Tritanomaly
69C9B2

Monochromacy



Original Color
59D075



Achromatopsia
A2A2A2



Achromatomaly
87B392

CSS Examples

Text

The CSS property to change the color of the text to Hex 59D075 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 #59D075 looks like.

```
.text, #text, p{  
    color:#59D075  
}
```

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 #59D075 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #59D075
}
```

Border

The CSS property to change the border of an element to Hex 59D075 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
#59D075 }
```

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

```
.border{ border-color:#59D075 }
```

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

Here you see how a box with a 4 pixel #59D075 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #59D075; -webkit-box-shadow:4px 4px  
4px 4px #59D075; box-shadow:4px 4px 4px  
4px #59D075 }
```

Background

The CSS property to change the background color of an element to Hex 59D075 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#59D075 }
```

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

```
.background{ background-color:#59D075 }
```

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