

Converting Colors

Hex(59D66B)

Have a look what the booklet for
Hex(59D66B) contains.

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Color

Hex(59D66B)

Conversions

Conversions Part 1

Format	Color
Hex	59D66B
RGB	89, 214, 107
RGB Percent	35%, 84%, 42%
CMY	0.6510, 0.1608, 0.5804
CMYK	0.58, 0.00, 0.50, 0.16
HSL	129°, 60%, 59%
HSV	129°, 58%, 84%
XYZ	30.8202, 51.2785, 22.1833
YIQ	164.4270, -40.1530, -59.7770

Conversions

Conversions Part 2

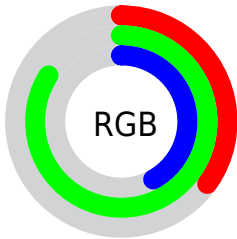
Format	Color
RYB	89, 198, 214
Decimal	5887595
CIELab	76.85, -56.70, 42.40
CIELCh	77, 70.796, 143.211
Yxy	51.2785, 0.2955, 0.4917
Android (android.graphics.Color)	4284077675 (0xFF59D66B)
YUV	164.4270, -28.3115, -66.1495
Hunter-Lab	71.6090, -48.4901, 31.7593

Details

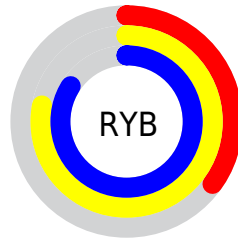
The Hex color **59D66B** is a dark color, and the websafe version is hex **33CC66**. The color can be described as middle muted spring green. A complement of this color would be **D659C4**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **95FFA0**, and **009E38** is the 20% darker color. If you saturate the color by 10%, you get **44D659**, and if you desaturate by 10%, it is **6ED67D**.

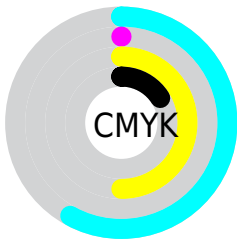
Distribution



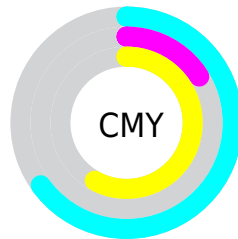
- Red (35%)
- Green (84%)
- Blue (42%)



- Red (35%)
- Yellow (78%)
- Blue (84%)



- Cyan (58%)
- Magenta (0%)
- Yellow (50%)
- Black (16%)



- Cyan (65%)
- Magenta (16%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 59D66B 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 59D66B by changing the saturation by 10% instead.

 59D66B

 59D66B

FFFFFF

 38BA51

 95FFA0

 009E38

 B3FFBC

 00831E

 D0FFD8

 006900

 EEEFF5

 005000

 003700

 002000

 000000

 59D66B

 59D66B

 44D659

 6ED67D

 2ED646

 84D690

 19D634

 99D6A2

 03D622

 AFD6B4

 00D61F

 C4D6C7

 D9D6D9

 EFD6EB

 FFD6FE

 FFD6FF

Harmonies

Analogous

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



AEC939



59D66B



00DCAC

Triad

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



59D66B



00CAFF



FF858E

Complementary

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



59D66B



D659C4

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.



FF82CF



59D66B



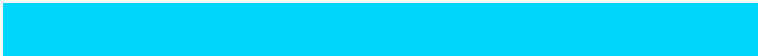
A4B3FF

Square

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



59D66B



00D7FF



FF96FF



FF9B55

Rectangle

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



59D66B



00DDDA



FF96FF



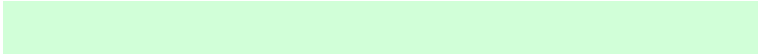
FF81A3

Sweetspot

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



59D66B



D1FFD8



C5D659



638067



000000



808080

Same Dimension

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



59D66B



4DFF66



59D6A8



606B62



00AB19



002B06

Inverse Universe

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



D659C4



FF4DE5



D65987



6B606A



AB0092



2B0025

Previews

White Background



This preview shows how the Hex color 59D66B looks on a white background.

Color Contrast Check

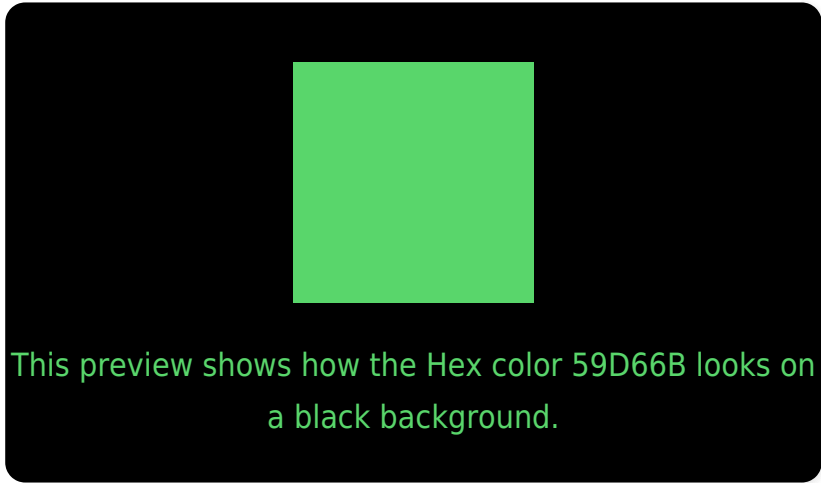
Large Text (above 18pt) WCAG AA × Fail

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

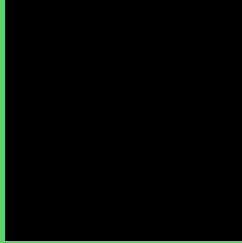
Any Text WCAG AA ✓ Pass

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 59D66B Background



This preview shows how black text looks on a background with the Hex color 59D66B.

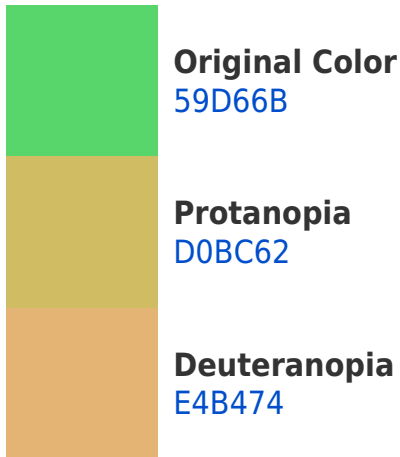


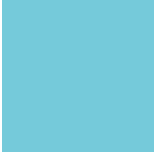
This preview shows how white text looks on a background with the Hex color 59D66B.

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





Trichromacy



Original Color
59D66B



Protanomaly
A5C565



Deuteranomaly
B1C071



Tritanomaly
6BCEB2

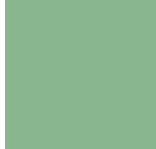
Monochromacy



Original Color
59D66B



Achromatopsia
A4A4A4



Achromatomaly
89B68F

CSS Examples

Text

The CSS property to change the color of the text to Hex 59D66B 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 #59D66B looks like.

```
.text, #text, p{  
    color:#59D66B  
}
```

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 #59D66B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #59D66B
}
```

Border

The CSS property to change the border of an element to Hex 59D66B 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
#59D66B }
```

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

```
.border{ border-color:#59D66B }
```

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

Here you see how a box with a 4 pixel #59D66B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #59D66B; -webkit-box-shadow:4px 4px  
4px 4px #59D66B; box-shadow:4px 4px 4px  
4px #59D66B }
```

Background

The CSS property to change the background color of an element to Hex 59D66B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#59D66B }
```

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

```
.background{ background-color:#59D66B }
```

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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