

Converting Colors

Hex(58DC75)

Have a look what the booklet for
Hex(58DC75) contains.

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Color

Hex(58DC75)

Conversions

Conversions Part 1

Format	Color
Hex	58DC75
RGB	88, 220, 117
RGB Percent	35%, 86%, 46%
CMY	0.6549, 0.1373, 0.5412
CMYK	0.60, 0.00, 0.47, 0.14
HSL	133°, 65%, 60%
HSV	133°, 60%, 86%
XYZ	32.8286, 54.5455, 25.6277
YIQ	168.7900, -45.6090, -60.0170

Conversions

Conversions Part 2

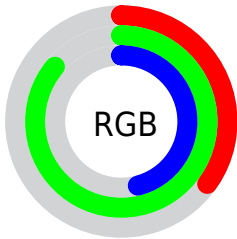
Format	Color
RYB	88, 196, 220
Decimal	5823605
CIELab	78.78, -57.72, 39.93
CIELCh	79, 70.181, 145.326
Yxy	54.5455, 0.2905, 0.4827
Android (android.graphics.Color)	4284013685 (0xFF58DC75)
YUV	168.7900, -25.5325, -70.8528
Hunter-Lab	73.8549, -49.9026, 31.1248

Details

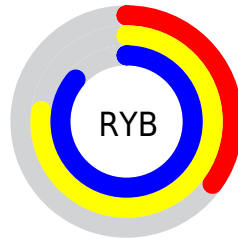
The Hex color **58DC75** is a dark color, and the websafe version is hex **33CC66**. The color can be described as middle muted spring green. A complement of this color would be **DC58BF**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **95FFAB**, and **00A442** is the 20% darker color. If you saturate the color by 10%, you get **42DC64**, and if you desaturate by 10%, it is **6EDC86**.

Distribution



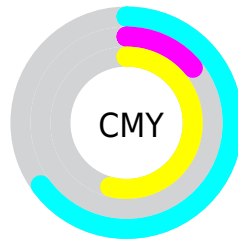
- Red (35%)
- Green (86%)
- Blue (46%)



- Red (35%)
- Yellow (77%)
- Blue (86%)



- Cyan (60%)
- Magenta (0%)
- Yellow (47%)
- Black (14%)



- Cyan (65%)
- Magenta (14%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 58DC75 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 58DC75 by changing the saturation by 10% instead.

 58DC75

 58DC75

FFFFFF

 36C05B

 95FFAB

 00A442

 B3FFC6

 008929

 D1FFE3

 006E0E

 EFFFFFFF

 005500

 003C00

 002500

 000000

 58DC75

 58DC75

 42DC64

 6EDC86

 2CDC53

 84DC97

 16DC42

 9ADCA9

 00DC30

 B0DCBA

 C6DCCB

 DCDCDC

 F2DCED

 FFDCFE

 FFDCFF

Harmonies

Analogous

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



AFD043



58DC75



00E2B6

Triad

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



58DC75



00CDFE



FF8C8F

Complementary

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



58DC75



DC58BF

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.



FF87D0



58DC75



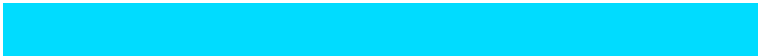
B2B6FF

Square

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



58DC75



00DCFF



FF9AFF



FFA358

Rectangle

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



58DC75



00E3E4



FF9AFF



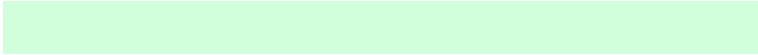
FF88A4

Sweetspot

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



58DC75



D1FFDB



BFDC58



63806A



000000



808080

Same Dimension

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



58DC75



47FF70



58DCB7



636E65



00AD26



002E0A

Inverse Universe

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



DC58BF



FF47D7



DC587D



6E636B



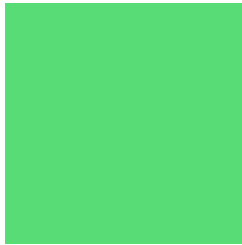
AD0087



2E0024

Previews

White Background



This preview shows how the Hex color 58DC75 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 58DC75 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

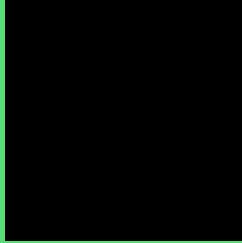
Any Text WCAG AA ✓ Pass

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 58DC75 Background



This preview shows how black text looks on a background with the Hex color 58DC75.

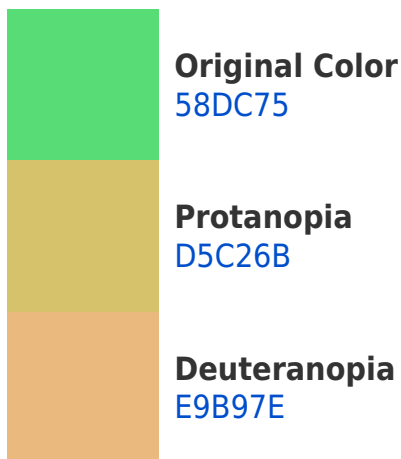


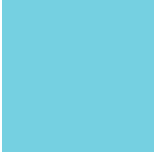
This preview shows how white text looks on a background with the Hex color 58DC75.

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



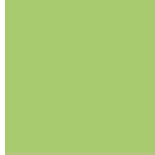


Tritanopia
75D0E1

Trichromacy



Original Color
58DC75



Protanomaly
A8CB6F



Deuteranomaly
B4C67B



Tritanomaly
6AD4BA

Monochromacy



Original Color
58DC75



Achromatopsia
A9A9A9



Achromatomaly
8CBC96

CSS Examples

Text

The CSS property to change the color of the text to Hex 58DC75 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 #58DC75 looks like.

```
.text, #text, p{  
    color:#58DC75  
}
```

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 #58DC75 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #58DC75
}
```

Border

The CSS property to change the border of an element to Hex 58DC75 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
#58DC75 }
```

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

```
.border{ border-color:#58DC75 }
```

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

Here you see how a box with a 4 pixel #58DC75 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #58DC75; -webkit-box-shadow:4px 4px  
4px 4px #58DC75; box-shadow:4px 4px 4px  
4px #58DC75 }
```

Background

The CSS property to change the background color of an element to Hex 58DC75 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#58DC75 }
```

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

```
.background{ background-color:#58DC75 }
```

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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