

Converting Colors

Hex(59D25F)

Have a look what the booklet for
Hex(59D25F) contains.

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Color

Hex(59D25F)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 59D25F |
| RGB | 89, 210, 95 |
| RGB Percent | 35%, 82%, 37% |
| CMY | 0.6510, 0.1765, 0.6275 |
| CMYK | 0.58, 0.00, 0.55, 0.18 |
| HSL | 123°, 57%, 59% |
| HSV | 123°, 58%, 82% |
| XYZ | 29.2320, 49.0433, 18.7521 |
| YIQ | 160.7110, -35.2010, -61.4170 |

Conversions

Conversions Part 2

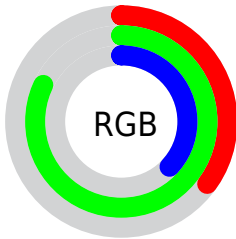
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 89, 204, 210 |
| Decimal | 5886559 |
| CIELab | 75.48, -56.80, 46.45 |
| CIELCh | 75, 73.373, 140.726 |
| Yxy | 49.0433, 0.3013, 0.5055 |
| Android (android.graphics.Color) | 4284076639 (0xFF59D25F) |
| YUV | 160.7110, -32.3955, -62.8905 |
| Hunter-Lab | 70.0309, -48.0454, 33.1456 |

Details

The Hex color **59D25F** is a dark color, and the websafe version is hex **66CC66**. The color can be described as dark muted green. A complement of this color would be **D259CC**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **95FF94**, and **029A2B** is the 20% darker color. If you saturate the color by 10%, you get **44D24B**, and if you desaturate by 10%, it is **6ED273**.

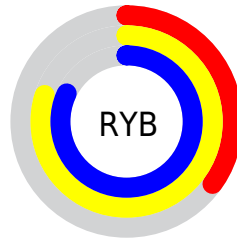
Distribution



Red (35%)

Green (82%)

Blue (37%)



Red (35%)

Yellow (80%)

Blue (82%)

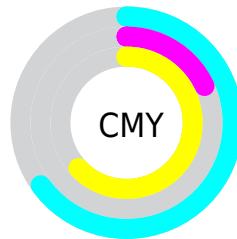


Cyan (58%)

Magenta (0%)

Yellow (55%)

Black (18%)



Cyan (65%)

Magenta (18%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color 59D25F 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 59D25F by changing the saturation by 10% instead.

 59D25F

 59D25F

FFFFFF

 38B645

 95FF94

 029A2B

 B2FFB0

 007F0C

 D0FFCC

 006500

 EEFFE8

 004C00

 003500

 001C00

 000000

 59D25F

 59D25F

 44D24B

 6ED273

 2FD237

 83D287

 1AD223

 98D29B

 05D20F

 ADD2AF

 00D20A

 C2D2C3

 D7D2D7

 ECD2EB

 FFD2FF

Harmonies

Analogous

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



AFC52A



59D25F



00D9A2

Triad

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



59D25F



00C8FF



FF7C8E

Complementary

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



59D25F



D259CC

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.



FF7BD2



59D25F



92B1FF

Square

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



59D25F



00D5FF



F793FF



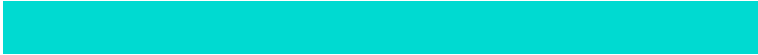
FF9452

Rectangle

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



59D25F



00DAD1



F793FF



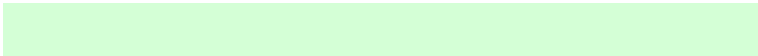
FF78A4

Sweetspot

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



59D25F



D4FFD6



CED259



668067



000000



808080

Same Dimension

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



59D25F



4FFF58



59D29A



5E695F



00A808



002902

Inverse Universe

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



D259CC



FF4FF6



D25991



695E68



A800A0



290027

Previews

White Background



This preview shows how the Hex color 59D25F 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

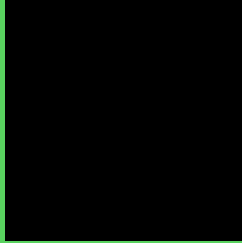
Any Text WCAG AA ✓ Pass

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 59D25F Background



This preview shows how black text looks on a background with the Hex color 59D25F.

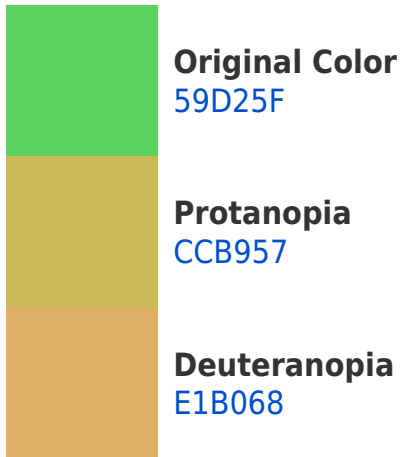


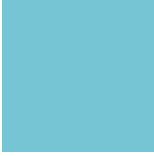
This preview shows how white text looks on a background with the Hex color 59D25F.

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
75C5D5

Trichromacy



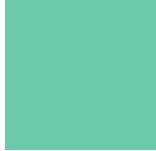
Original Color
59D25F



Protanomaly
A2C25A



Deuteranomaly
B0BC65



Tritanomaly
6BCAAA

Monochromacy



Original Color
59D25F



Achromatopsia
A1A1A1



Achromatomaly
87B389

CSS Examples

Text

The CSS property to change the color of the text to Hex 59D25F 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 #59D25F looks like.

```
.text, #text, p{  
    color:#59D25F  
}
```

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 #59D25F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #59D25F
}
```

Border

The CSS property to change the border of an element to Hex 59D25F 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
#59D25F }
```

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

```
.border{ border-color:#59D25F }
```

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

Here you see how a box with a 4 pixel #59D25F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #59D25F; -webkit-box-shadow:4px 4px  
4px 4px #59D25F; box-shadow:4px 4px 4px  
4px #59D25F }
```

Background

The CSS property to change the background color of an element to Hex 59D25F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#59D25F }
```

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

```
.background{ background-color:#59D25F }
```

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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