

Converting Colors

Hex(58D136)

Have a look what the booklet for
Hex(58D136) contains.

Hex(58D136)	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(58D136)

Conversions

Conversions Part 1

Format	Color
Hex	58D136
RGB	88, 209, 54
RGB Percent	35%, 82%, 21%
CMY	0.6549, 0.1804, 0.7882
CMYK	0.58, 0.00, 0.74, 0.18
HSL	107°, 63%, 52%
HSV	107°, 74%, 82%
XYZ	27.4908, 47.9420, 11.2948
YIQ	155.1510, -22.3610, -73.8570

Conversions

Conversions Part 2

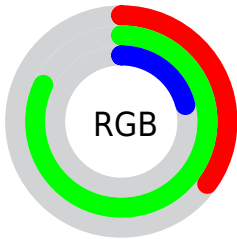
Format	Color
RYB	54, 209, 175
Decimal	5820726
CIELab	74.79, -60.67, 62.56
CIELCh	75, 87.143, 134.120
Yxy	47.9420, 0.3170, 0.5528
Android (android.graphics.Color)	4284010806 (0xFF58D136)
YUV	155.1510, -49.8674, -58.8914
Hunter-Lab	69.2401, -50.2994, 38.7964

Details

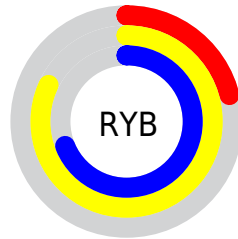
The Hex color **58D136** is a dark color, and the websafe version is hex **66CC33**. The color can be described as dark muted green. A complement of this color would be **AF36D1**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **95FF6F**, and **009900** is the 20% darker color. If you saturate the color by 10%, you get **48D121**, and if you desaturate by 10%, it is **68D14B**.

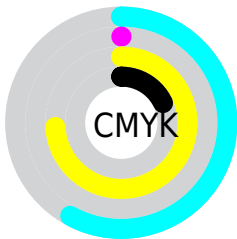
Distribution



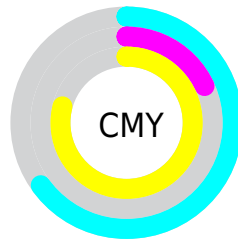
- Red (35%)
- Green (82%)
- Blue (21%)



- Red (21%)
- Yellow (82%)
- Blue (69%)



- Cyan (58%)
- Magenta (0%)
- Yellow (74%)
- Black (18%)



- Cyan (65%)
- Magenta (18%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color 58D136 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 58D136 by changing the saturation by 10% instead.

 58D136

 58D136

FFFFFF

 35B512


 95FF6F

 009900

 B3FF8A

 007E00

 D1FFA6

 006400

 F0FFC3

 004B00

 FFFFEO

 003400

FFFFFFE

 001900

 000000

 58D136

 58D136

■ 48D121

■ 68D14B

■ 37D10C

■ 79D160

■ 2ED100

■ 89D175

■ 99D18A

■ AAD19F

■ BAD1B3

■ CAD1C8

■ DBD1DD

■ EBD1F2

Harmonies

Analogous

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



B9C000



58D136



00DA89

Triad

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



58D136



00CFFF



FF6196

Complementary

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



58D136



AF36D1

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.



FF69E6



58D136



3BB5FF

Square

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



58D136



00D9FF



EA90FF



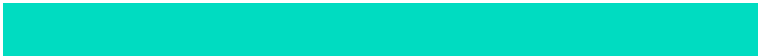
FF804A

Rectangle

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



58D136



00DCC1



EA90FF



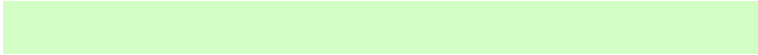
FF5EB0

Sweetspot

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



58D136



D3FFC7



D1AD36



66805E



000000



808080

Same Dimension

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



58D136



4EFF1C



36D15F



60695E



25A800



092900

Inverse Universe

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



AF36D1



CD1CFF



D136A8



665E69



8300A8



200029

Previews

White Background



This preview shows how the Hex color 58D136 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 58D136 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

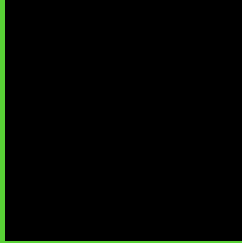
Any Text WCAG AA ✓ Pass

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 58D136 Background



This preview shows how black text looks on a background with the Hex color 58D136.

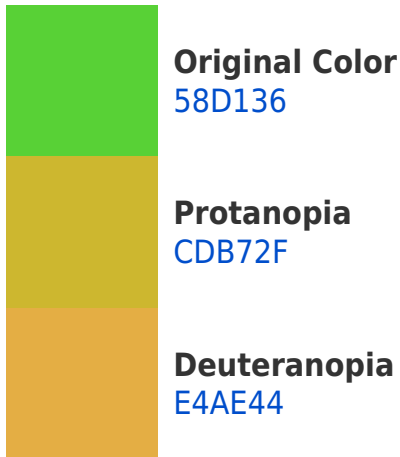


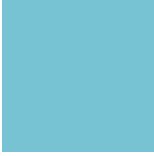
This preview shows how white text looks on a background with the Hex color 58D136.

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
77C3D3

Trichromacy



Original Color
58D136



Protanomaly
A2C032



Deuteranomaly
B1BB3F



Tritanomaly
6CC89A

Monochromacy



Original Color
58D136



Achromatopsia
9B9B9B



Achromatomaly
83AF76

CSS Examples

Text

The CSS property to change the color of the text to Hex 58D136 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 #58D136 looks like.

```
.text, #text, p{  
    color:#58D136  
}
```

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 #58D136 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #58D136
}
```

Border

The CSS property to change the border of an element to Hex 58D136 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
#58D136 }
```

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

```
.border{ border-color:#58D136 }
```

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

Here you see how a box with a 4 pixel #58D136 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #58D136; -webkit-box-shadow:4px 4px  
4px 4px #58D136; box-shadow:4px 4px 4px  
4px #58D136 }
```

Background

The CSS property to change the background color of an element to Hex 58D136 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#58D136 }
```

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

```
.background{ background-color:#58D136 }
```

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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