

Converting Colors

Hex(54D148)

Have a look what the booklet for
Hex(54D148) contains.

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Color

Hex(54D148)

Conversions

Conversions Part 1

Format	Color
Hex	54D148
RGB	84, 209, 72
RGB Percent	33%, 82%, 28%
CMY	0.6706, 0.1804, 0.7176
CMYK	0.60, 0.00, 0.66, 0.18
HSL	115°, 60%, 55%
HSV	115°, 66%, 82%
XYZ	27.6263, 47.9536, 13.9308
YIQ	156.0070, -30.5230, -69.1070

Conversions

Conversions Part 2

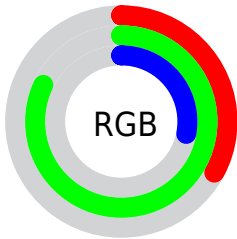
Format	Color
RYB	72, 209, 197
Decimal	5558600
CIELab	74.80, -60.15, 55.77
CIELCh	75, 82.027, 137.168
Yxy	47.9536, 0.3086, 0.5357
Android (android.graphics.Color)	4283748680 (0xFF54D148)
YUV	156.0070, -41.4155, -63.1501
Hunter-Lab	69.2486, -49.9734, 36.5466

Details

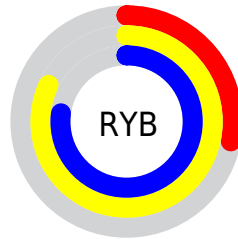
The Hex color **54D148** is a dark color, and the websafe version is hex **66CC33**. The color can be described as dark muted green. A complement of this color would be **C548D1**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **91FF7E**, and **009906** is the 20% darker color. If you saturate the color by 10%, you get **41D133**, and if you desaturate by 10%, it is **67D15D**.

Distribution



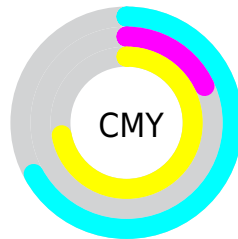
- Red (33%)
- Green (82%)
- Blue (28%)



- Red (28%)
- Yellow (82%)
- Blue (77%)



- Cyan (60%)
- Magenta (0%)
- Yellow (66%)
- Black (18%)



- Cyan (67%)
- Magenta (18%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 54D148 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 54D148 by changing the saturation by 10% instead.

 54D148

 54D148

FFFFFF

 31B52C

 91FF7E

 009906

 AFFF9A

 007E00

 CDFFB6

 006400

 EBFFD2

 004B00

 FFFFEE

 003400

 001900

 000000

 54D148

 54D148

 41D133

 67D15D

 2ED11E

 7AD172

 1BD109

 8DD187

 12D100

 A0D19C

 B3D1B1

 C6D1C5

 D9D1DA

 EDD1EF

 FFD1FF

Harmonies

Analogous

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



B3C200



54D148



00D994

Triad

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



54D148



00CAFF



FF6C90

Complementary

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



54D148



C548D1

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.



FF6FDC



54D148



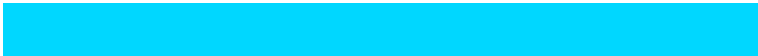
6DB2FF

Square

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



54D148



00D7FF



F18FFF



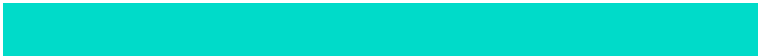
FF884A

Rectangle

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



54D148



00DBC9



F18FFF



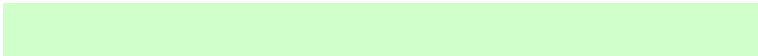
FF68A9

Sweetspot

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



54D148



D0FFCC



D1C348



648061



000000



808080

Same Dimension

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



54D148



47FF36



48D17F



5F695E



0FA800



042900

Inverse Universe

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



C548D1



ED36FF



D1489A



685E69



9A00A8



250029

Previews

White Background



This preview shows how the Hex color 54D148 looks on a white background.

Color Contrast Check

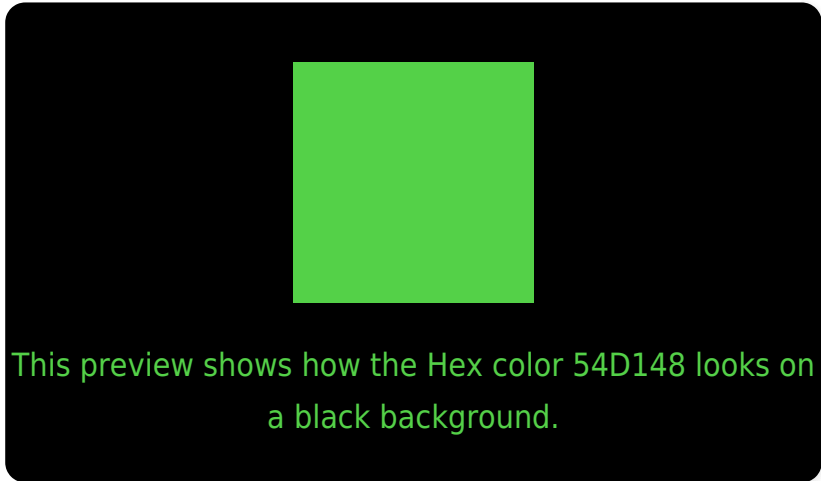
Large Text (above 18pt) WCAG AA × Fail

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

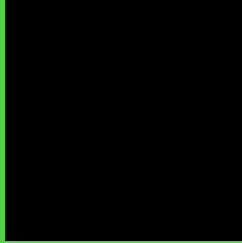
Any Text WCAG AA ✓ Pass

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 54D148 Background



This preview shows how black text looks on a background with the Hex color 54D148.

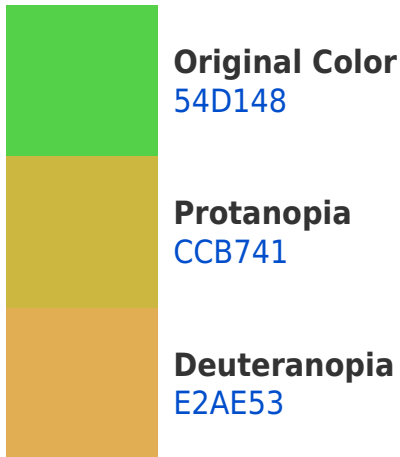


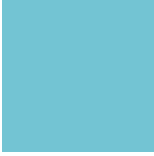
This preview shows how white text looks on a background with the Hex color 54D148.

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
73C4D3

Trichromacy



Original Color
54D148



Protanomaly
A0C044



Deuteranomaly
AEBB4F



Tritanomaly
68C9A0

Monochromacy



Original Color
54D148



Achromatopsia
9C9C9C



Achromatomaly
82AF7D

CSS Examples

Text

The CSS property to change the color of the text to Hex 54D148 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 #54D148 looks like.

```
.text, #text, p{  
    color:#54D148  
}
```

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 #54D148 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #54D148
}
```

Border

The CSS property to change the border of an element to Hex 54D148 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
#54D148 }
```

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

```
.border{ border-color:#54D148 }
```

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

Here you see how a box with a 4 pixel #54D148 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #54D148; -webkit-box-shadow:4px 4px  
4px 4px #54D148; box-shadow:4px 4px 4px  
4px #54D148 }
```

Background

The CSS property to change the background color of an element to Hex 54D148 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#54D148 }
```

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

```
.background{ background-color:#54D148 }
```

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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