

Converting Colors

Hex(55F82D)

Have a look what the booklet for
Hex(55F82D) contains.

Hex(55F82D)	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(55F82D)

Conversions

Conversions Part 1

Format	Color
Hex	55F82D
RGB	85, 248, 45
RGB Percent	33%, 97%, 18%
CMY	0.6667, 0.0275, 0.8235
CMYK	0.66, 0.00, 0.82, 0.03
HSL	108°, 94%, 57%
HSV	108°, 82%, 97%
XYZ	37.7874, 69.2556, 13.8587
YIQ	176.1210, -31.9850, -97.6890

Conversions

Conversions Part 2

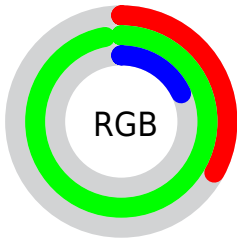
Format	Color
RYB	45, 248, 208
Decimal	5634093
CIELab	86.63, -74.72, 76.34
CIELCh	87, 106.824, 134.383
Yxy	69.2556, 0.3125, 0.5728
Android (android.graphics.Color)	4283824173 (0xFF55F82D)
YUV	176.1210, -64.6427, -79.9131
Hunter-Lab	83.2199, -64.5840, 48.3803

Details

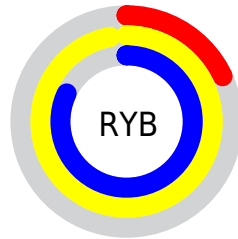
The Hex color **55F82D** is a dark color, and the websafe version is hex **66FF33**. The color can be described as dark washed green. A complement of this color would be **D02DF8**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **99FF6D**, and **00BE00** is the 20% darker color. If you saturate the color by 10%, you get **41F814**, and if you desaturate by 10%, it is **69F846**.

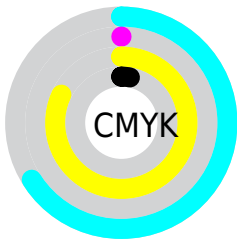
Distribution



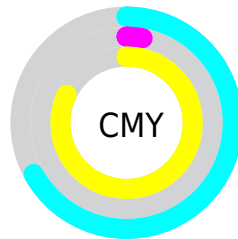
- Red (33%)
- Green (97%)
- Blue (18%)



- Red (18%)
- Yellow (97%)
- Blue (82%)



- Cyan (66%)
- Magenta (0%)
- Yellow (82%)
- Black (3%)



- Cyan (67%)
- Magenta (3%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 55F82D 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 55F82D by changing the saturation by 10% instead.

 55F82D

 55F82D

FFFFFF

 27DB00

 99FF6D

 00BE00

 B9FF8A

 00A200

 D9FFA7

 008700

 F8FFC5

 006C00

 FFFFE2

 005200

 003A00

 001F00

 000000

 55F82D

 55F82D

 41F814

 69F846

 31F800

 7DF85F

 91F877

 A5F890

 B9F8A9

 CCF8C2

 E0F8DB

 F4F8F3

 FFF8FF

Harmonies

Analogous

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



D7E300



55F82D



00FF9E

Triad

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



55F82D



00F4FF



FF61AD

Complementary

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



55F82D



D02DF8

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.



FF6DFF



55F82D



00D5FF

Square

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



55F82D



00FFFF



FFA4FF



FF904C

Rectangle

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



55F82D



00FFE5



FFA4FF



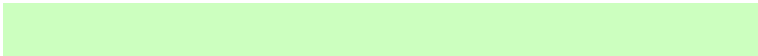
FF5CCE

Sweetspot

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



55F82D



CCFFBF



F8CF2D



618059



000000



808080

Same Dimension

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



55F82D



36FF05



2DF86A



737D70



25BD00



0C3D00

Inverse Universe

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



D02DF8



CE05FF



F82DBB



7A707D



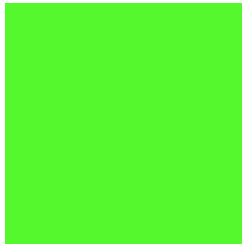
9800BD



31003D

Previews

White Background



This preview shows how the Hex color 55F82D 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 55F82D 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

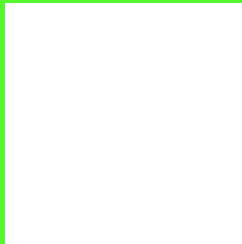
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 55F82D Background



This preview shows how black text looks on a background with the Hex color 55F82D.

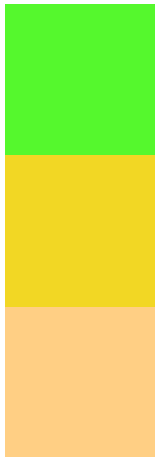


This preview shows how white text looks on a background with the Hex color 55F82D.

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](#).

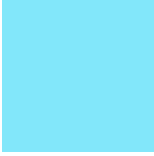
Dichromacy



Original Color
55F82D

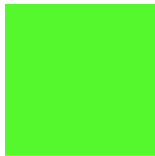
Protanopia
F2D724

Deuteranopia
FFCF84



Tritanopia
82E7FA

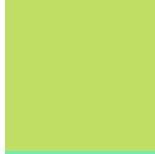
Trichromacy



Original Color
55F82D



Protanomaly
B9E327



Deuteranomaly
C1DE64

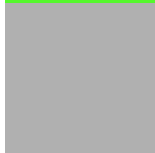


Tritanomaly
72EDAF

Monochromacy



Original Color
55F82D



Achromatopsia
B0B0B0



Achromatomaly
8FCA80

CSS Examples

Text

The CSS property to change the color of the text to Hex 55F82D 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 #55F82D looks like.

```
.text, #text, p{  
    color:#55F82D  
}
```

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 #55F82D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #55F82D
}
```

Border

The CSS property to change the border of an element to Hex 55F82D 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".

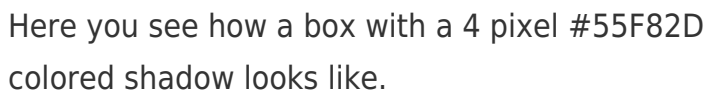
```
.border, #border, table{ border:4px solid
#55F82D }
```

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

```
.border{ border-color:#55F82D }
```

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

Here you see how a box with a 4 pixel #55F82D colored shadow looks like.

A rectangular box with a thick green border and a green shadow. The box is white with a green border and a green shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #55F82D; -webkit-box-shadow:4px 4px  
4px 4px #55F82D; box-shadow:4px 4px 4px  
4px #55F82D }
```

Background

The CSS property to change the background color of an element to Hex 55F82D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#55F82D }
```

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

```
.background{ background-color:#55F82D }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor