

Converting Colors

Hex(54EF2B)

Have a look what the booklet for
Hex(54EF2B) contains.

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Color

Hex(54EF2B)

Conversions

Conversions Part 1

Format	Color
Hex	54EF2B
RGB	84, 239, 43
RGB Percent	33%, 94%, 17%
CMY	0.6706, 0.0627, 0.8314
CMYK	0.65, 0.00, 0.82, 0.06
HSL	107°, 86%, 55%
HSV	107°, 82%, 94%
XYZ	34.9587, 63.7922, 12.7561
YIQ	170.3110, -29.4640, -93.8160

Conversions

Conversions Part 2

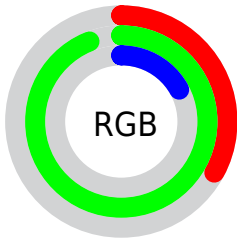
Format	Color
RYB	43, 239, 198
Decimal	5566251
CIELab	83.86, -72.18, 74.31
CIELCh	84, 103.591, 134.168
Yxy	63.7922, 0.3135, 0.5721
Android (android.graphics.Color)	4283756331 (0xFF54EF2B)
YUV	170.3110, -62.7643, -75.6947
Hunter-Lab	79.8700, -61.6441, 46.4398

Details

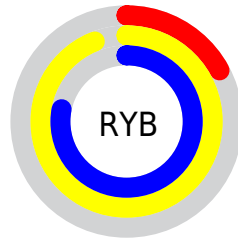
The Hex color **54EF2B** is a dark color, and the websafe version is hex **66FF33**. The color can be described as dark washed green. A complement of this color would be **C62BEF**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **97FF6B**, and **00B600** is the 20% darker color. If you saturate the color by 10%, you get **41EF13**, and if you desaturate by 10%, it is **67EF43**.

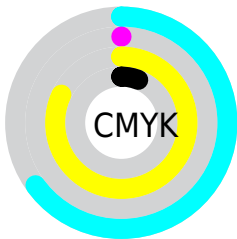
Distribution



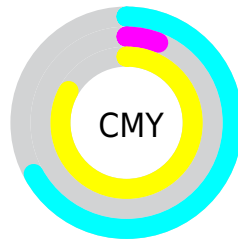
- Red (33%)
- Green (94%)
- Blue (17%)



- Red (17%)
- Yellow (94%)
- Blue (78%)



- Cyan (65%)
- Magenta (0%)
- Yellow (82%)
- Black (6%)



- Cyan (67%)
- Magenta (6%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color 54EF2B 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 54EF2B by changing the saturation by 10% instead.

 54EF2B

 54EF2B

FFFFFF

 28D200

 97FF6B

 00B600

 B7FF88

 009A00

 D6FFA4

 007F00

 F5FFC2

 006400

 FFFFDF

 004A00

FFFFFFD

 003200

 001600

 000000

 54EF2B

 54EF2B

 41EF13

 67EF43

 32EF00

 7AEF5B

 8DEF73

 A0EF8B

 B3EFA3

 C5EFBA

 D8EFD2

 EBEFEA

 FEEFFF

Harmonies

Analogous

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



D0DB00



54EF2B



00F998

Triad

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



54EF2B



00EBFF



FF5EA7

Complementary

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



54EF2B



C62BEF

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.



FF6AFF



54EF2B



00CDFF

Square

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



54EF2B



00F9FF



FF9FFF



FF8A4A

Rectangle

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



54EF2B



00FCDD



FF9FFF



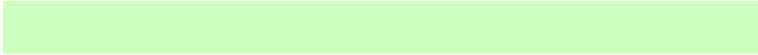
FF5AC8

Sweetspot

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



54EF2B



CDFFBF



EFC52B



618059



000000



808080

Same Dimension

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



54EF2B



39FF05



2BEF63



6E786C



26B800



0C3800

Inverse Universe

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



C62BEF



CB05FF



EF2BB7



756C78



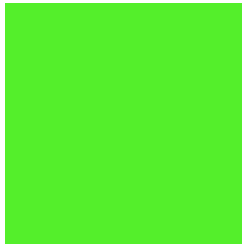
9100B8



2C0038

Previews

White Background



This preview shows how the Hex color 54EF2B 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 54EF2B looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

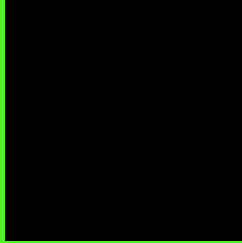
Any Text WCAG AA ✓ Pass

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 54EF2B Background



This preview shows how black text looks on a background with the Hex color 54EF2B.

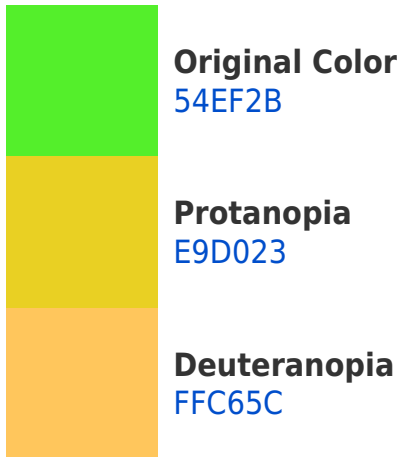


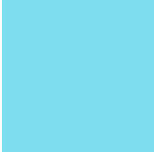
This preview shows how white text looks on a background with the Hex color 54EF2B.

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





Trichromacy



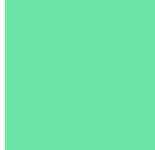
Original Color
54EF2B



Protanomaly
B3DB26

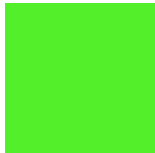


Deuteranomaly
C1D54A

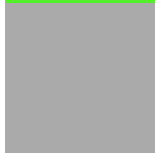


Tritanomaly
6FE4A8

Monochromacy



Original Color
54EF2B



Achromatopsia
AAAAAA



Achromatomaly
8BC37C

CSS Examples

Text

The CSS property to change the color of the text to Hex 54EF2B 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 #54EF2B looks like.

```
.text, #text, p{  
    color:#54EF2B  
}
```

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 #54EF2B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #54EF2B
}
```

Border

The CSS property to change the border of an element to Hex 54EF2B 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
#54EF2B }
```

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

```
.border{ border-color:#54EF2B }
```

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

Here you see how a box with a 4 pixel #54EF2B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #54EF2B; -webkit-box-shadow:4px 4px  
4px 4px #54EF2B; box-shadow:4px 4px 4px  
4px #54EF2B }
```

Background

The CSS property to change the background color of an element to Hex 54EF2B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#54EF2B }
```

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

```
.background{ background-color:#54EF2B }
```

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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