

Converting Colors

Hex(52E928)

Have a look what the booklet for
Hex(52E928) contains.

Hex(52E928)	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(52E928)

Conversions

Conversions Part 1

Format	Color
Hex	52E928
RGB	82, 233, 40
RGB Percent	32%, 91%, 16%
CMY	0.6784, 0.0863, 0.8431
CMYK	0.65, 0.00, 0.83, 0.09
HSL	107°, 81%, 54%
HSV	107°, 83%, 91%
XYZ	33.0016, 60.2249, 11.8927
YIQ	165.8490, -28.0430, -92.0350

Conversions

Conversions Part 2

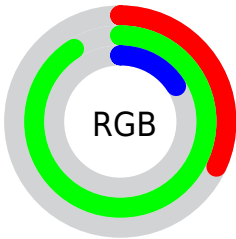
Format	Color
RYB	40, 233, 191
Decimal	5433640
CIELab	81.96, -70.82, 73.29
CIELCh	82, 101.916, 134.014
Yxy	60.2249, 0.3139, 0.5729
Android (android.graphics.Color)	4283623720 (0xFF52E928)
YUV	165.8490, -62.0436, -73.5356
Hunter-Lab	77.6047, -59.9006, 45.2373

Details

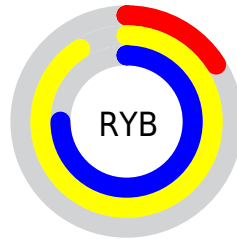
The Hex color **52E928** is a dark color, and the websafe version is hex **66FF33**. The color can be described as dark washed green. A complement of this color would be **BF28E9**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **95FF68**, and **00B000** is the 20% darker color. If you saturate the color by 10%, you get **40E911**, and if you desaturate by 10%, it is **64E93F**.

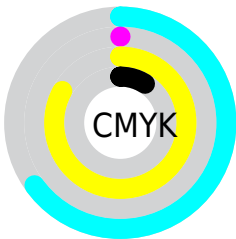
Distribution



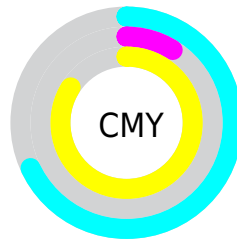
- Red (32%)
- Green (91%)
- Blue (16%)



- Red (16%)
- Yellow (91%)
- Blue (75%)



- Cyan (65%)
- Magenta (0%)
- Yellow (83%)
- Black (9%)



- Cyan (68%)
- Magenta (9%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 52E928 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 52E928 by changing the saturation by 10% instead.

 52E928

 52E928

FFFFFF

 26CC00

 95FF68

 00B000

 B4FF85

 009400

 D3FFA2

 007900

 F3FFBF

 005F00

 FFFFDC

 004500

 FFFFFA

 002D00

 000D00

 000000

 52E928

 52E928

 40E911

 64E93F

 33E900

 76E957

 89E96E

 9BE985

 ADE99C

 BFE9B4

 D2E9CB

 E4E9E2

 F6E9FA

Harmonies

Analogous

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



CBD500



52E928



00F393

Triad

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



52E928



00E5FF



FF5BA3

Complementary

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



52E928



BF28E9

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.



FF67FF



52E928



00C8FF

Square

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



52E928



00F3FF



FF9BFF



FF8648

Rectangle

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



52E928



00F6D6



FF9BFF



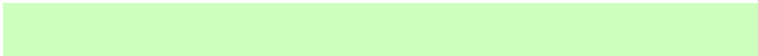
FF56C3

Sweetspot

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



52E928



CDFFBF



E9BC28



628059



000000



808080

Same Dimension

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



52E928



39FF03



28E95B



6C756A



27B500



0C3600

Inverse Universe

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



BF28E9



C803FF



E928B6



736A75



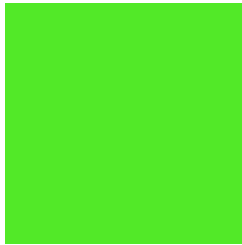
8E00B5



2A0036

Previews

White Background



This preview shows how the Hex color 52E928 looks on a white background.

Color Contrast Check

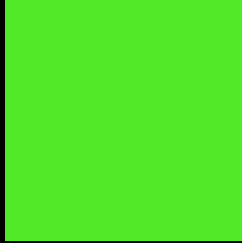
Large Text (above 18pt) WCAG AA × Fail

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 52E928 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

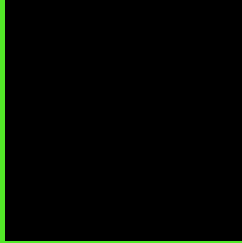
Any Text WCAG AA ✓ Pass

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 52E928 Background



This preview shows how black text looks on a background with the Hex color 52E928.

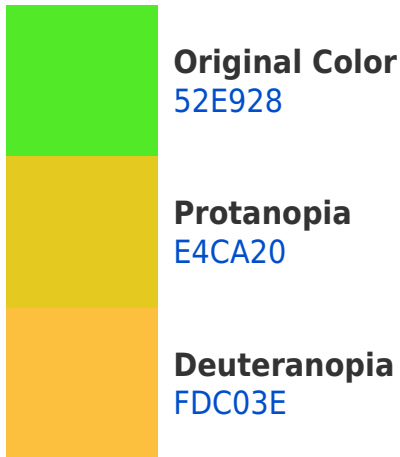


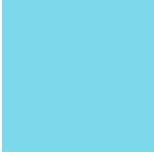
This preview shows how white text looks on a background with the Hex color 52E928.

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](#).

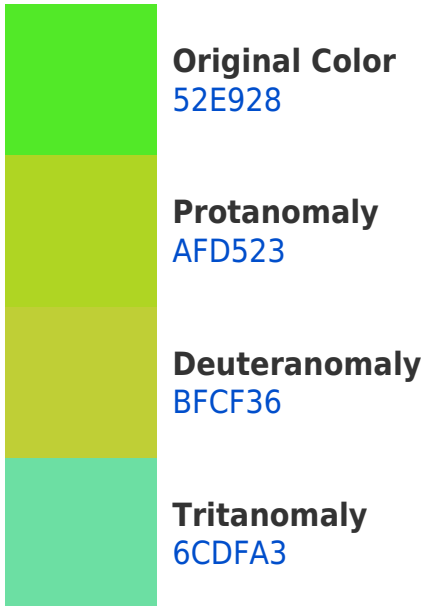
Dichromacy



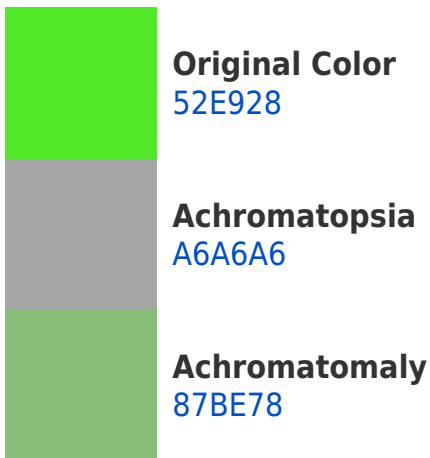


Tritanopia
7BD9EA

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 52E928 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 #52E928 looks like.

```
.text, #text, p{  
    color:#52E928  
}
```

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 #52E928 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #52E928
}
```

Border

The CSS property to change the border of an element to Hex 52E928 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
#52E928 }
```

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

```
.border{ border-color:#52E928 }
```

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

Here you see how a box with a 4 pixel #52E928 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #52E928; -webkit-box-shadow:4px 4px  
4px 4px #52E928; box-shadow:4px 4px 4px  
4px #52E928 }
```

Background

The CSS property to change the background color of an element to Hex 52E928 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#52E928 }
```

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

```
.background{ background-color:#52E928 }
```

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