

Converting Colors

Hex(52D22E)

Have a look what the booklet for
Hex(52D22E) contains.

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Color

Hex(52D22E)

Conversions

Conversions Part 1

Format	Color
Hex	52D22E
RGB	82, 210, 46
RGB Percent	32%, 82%, 18%
CMY	0.6784, 0.1765, 0.8196
CMYK	0.61, 0.00, 0.78, 0.18
HSL	107°, 65%, 50%
HSV	107°, 78%, 82%
XYZ	27.0194, 48.0843, 10.4419
YIQ	153.0320, -23.6440, -78.1400

Conversions

Conversions Part 2

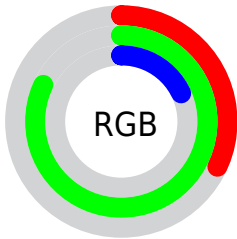
Format	Color
RYB	46, 210, 174
Decimal	5427758
CIELab	74.88, -62.95, 65.14
CIELCh	75, 90.589, 134.021
Yxy	48.0843, 0.3158, 0.5621
Android (android.graphics.Color)	4283617838 (0xFF52D22E)
YUV	153.0320, -52.7668, -62.2951
Hunter-Lab	69.3428, -51.7975, 39.6119

Details

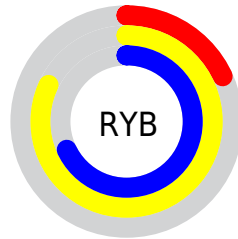
The Hex color **52D22E** is a dark color, and the websafe version is hex **33CC33**. The color can be described as dark washed green. A complement of this color would be **AE2ED2**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **91FF69**, and **009A00** is the 20% darker color. If you saturate the color by 10%, you get **42D219**, and if you desaturate by 10%, it is **62D243**.

Distribution



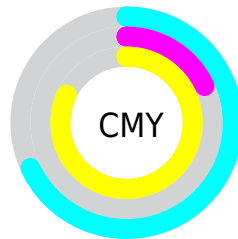
- Red (32%)
- Green (82%)
- Blue (18%)



- Red (18%)
- Yellow (82%)
- Blue (68%)



- Cyan (61%)
- Magenta (0%)
- Yellow (78%)
- Black (18%)



- Cyan (68%)
- Magenta (18%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 52D22E 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 52D22E by changing the saturation by 10% instead.

 52D22E

 52D22E

FFFFFF

 2CB600

 91FF69

 009A00

 AFFF85

 007F00

 CDFFA1

 006500

 ECFFBD

 004C00

 FFFFDA

 003500

 FFFFF8

 001A00

 000000

 52D22E

 52D22E

■ 42D219

■ 62D243

■ 31D204

■ 73D258

■ 2ED200

■ 83D26D

■ 94D282

■ A4D297

■ B4D2AC

■ C5D2C1

■ D5D2D6

■ E6D2EB

Harmonies

Analogous

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



B9C100



52D22E



00DB87

Triad

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



52D22E



00CEFF



FF5A95

Complementary

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



52D22E



AE2ED2

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.



FF64E8



52D22E



1DB5FF

Square

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



52D22E



00DBFF



EC8EFF



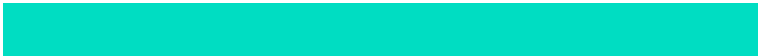
FF7D46

Rectangle

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



52D22E



00DDC2



EC8EFF



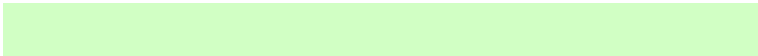
FF57B1

Sweetspot

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



52D22E



D1FFC4



D2AC2E



64805C



000000



808080

Same Dimension

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



52D22E



44FF0F



2ED25A



60695E



25A800



092900

Inverse Universe

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



AE2ED2



CA0FFF



D22EA6



665E69



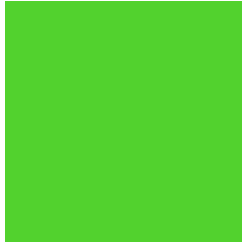
8300A8



200029

Previews

White Background



This preview shows how the Hex color 52D22E looks on a white background.

Color Contrast Check

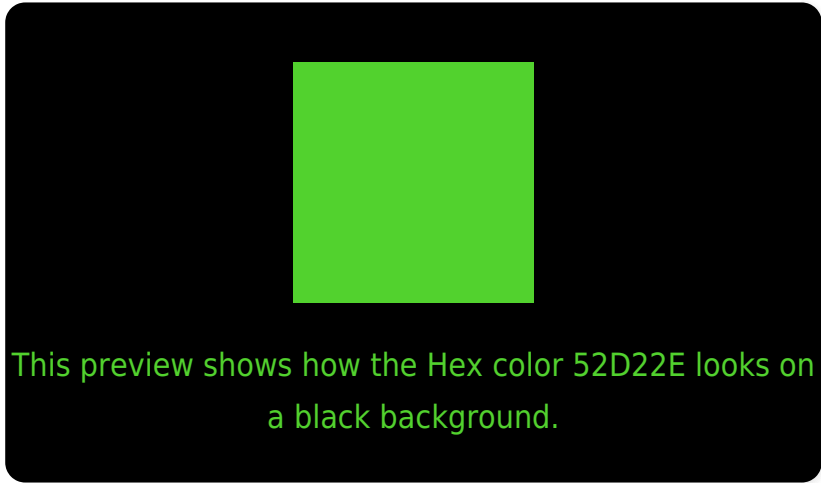
Large Text (above 18pt) WCAG AA × Fail

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

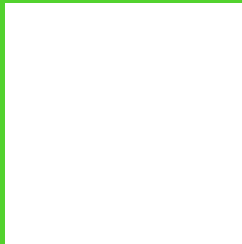
Any Text WCAG AAA ✓ Pass

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

Hex 52D22E Background



This preview shows how black text looks on a background with the Hex color 52D22E.

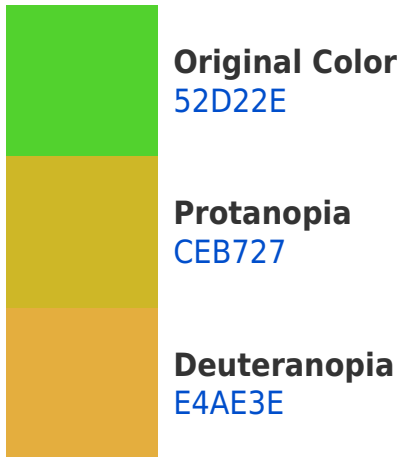


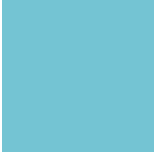
This preview shows how white text looks on a background with the Hex color 52D22E.

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
74C4D3

Trichromacy



Original Color
52D22E



Protanomaly
A1C12A



Deuteranomaly
AFBB38



Tritanomaly
68C997

Monochromacy



Original Color
52D22E



Achromatopsia
999999



Achromatomaly
7FAE72

CSS Examples

Text

The CSS property to change the color of the text to Hex 52D22E 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 #52D22E looks like.

```
.text, #text, p{  
    color:#52D22E  
}
```

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 #52D22E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #52D22E
}
```

Border

The CSS property to change the border of an element to Hex 52D22E 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
#52D22E }
```

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

```
.border{ border-color:#52D22E }
```

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

Here you see how a box with a 4 pixel #52D22E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #52D22E; -webkit-box-shadow:4px 4px  
4px 4px #52D22E; box-shadow:4px 4px 4px  
4px #52D22E }
```

Background

The CSS property to change the background color of an element to Hex 52D22E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#52D22E }
```

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

```
.background{ background-color:#52D22E }
```

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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