

Converting Colors

Hex(51D252)

Have a look what the booklet for
Hex(51D252) contains.

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Color

Hex(51D252)

Conversions

Conversions Part 1

Format	Color
Hex	51D252
RGB	81, 210, 82
RGB Percent	32%, 82%, 32%
CMY	0.6824, 0.1765, 0.6784
CMYK	0.61, 0.00, 0.61, 0.18
HSL	120°, 59%, 57%
HSV	120°, 61%, 82%
XYZ	27.9629, 48.4517, 15.8610
YIQ	156.8370, -35.7960, -67.1560

Conversions

Conversions Part 2

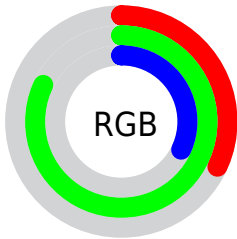
Format	Color
RYB	81, 209, 210
Decimal	5362258
CIELab	75.11, -60.17, 51.85
CIElCh	75, 79.425, 139.245
Yxy	48.4517, 0.3030, 0.5251
Android (android.graphics.Color)	4283552338 (0xFF51D252)
YUV	156.8370, -36.8946, -66.5090
Hunter-Lab	69.6073, -50.1049, 35.2151

Details

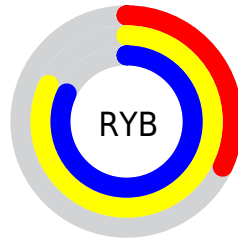
The Hex color **51D252** is a dark color, and the websafe version is hex **33CC33**. The color can be described as dark muted green. A complement of this color would be **D251D1**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **8FFF87**, and **009A1A** is the 20% darker color. If you saturate the color by 10%, you get **3CD23D**, and if you desaturate by 10%, it is **66D267**.

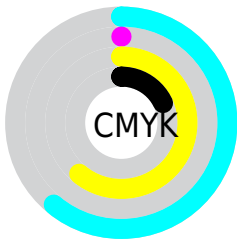
Distribution



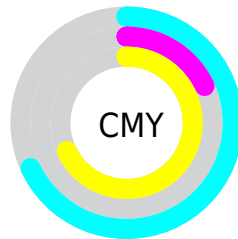
- Red (32%)
- Green (82%)
- Blue (32%)



- Red (32%)
- Yellow (82%)
- Blue (82%)



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




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

Brightness & Saturation Gradients

These gradients show how the Hex color 51D252 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 51D252 by changing the saturation by 10% instead.

 51D252

 51D252

FFFFFF

 2DB637

 8FFF87

 009A1A

 ADFFA3

 007F00

 CBFFBF

 006500

 E9FFDB


 004C00


 FFFFF9

 003500

 001A00

 000000

 51D252

 51D252

 3CD23D

 66D267

 27D228

 7BD27C

 12D213

 90D291

 00D202

 A5D2A5

 BAD2BA

 CFD2CF

 E4D2E4

 F9D2F9

 FFD2FF

Harmonies

Analogous

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



AFC405



51D252



00D99B

Triad

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



51D252



00C9FF



FF728D

Complementary

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



51D252



D251D1

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.



FF72D7



51D252



81B1FF

Square

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



51D252



00D6FF



F68FFF



FF8D4A

Rectangle

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



51D252



00DBCE



F68FFF



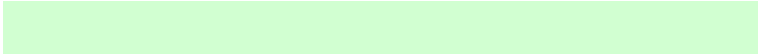
FF6EA5

Sweetspot

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



51D252



D1FFD1



D2D251



638064



000000



808080

Same Dimension

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



51D252



42FF44



51D292



5E695E



00A801



002900

Inverse Universe

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



D251D1



FF42FE



D25192



695E68



A800A7



290028

Previews

White Background



This preview shows how the Hex color 51D252 looks on a white background.

Color Contrast Check

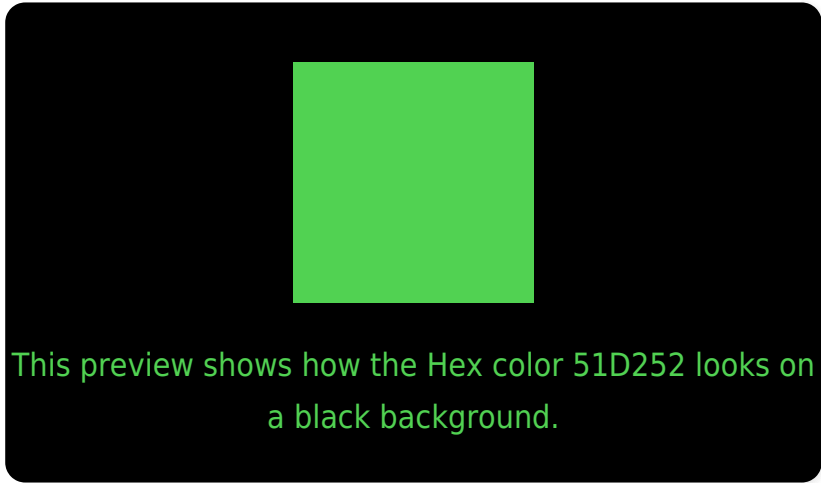
Large Text (above 18pt) WCAG AA × Fail

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

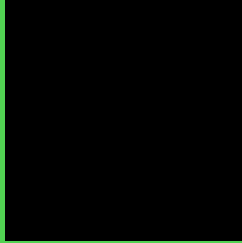
Any Text WCAG AA ✓ Pass

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 51D252 Background



This preview shows how black text looks on a background with the Hex color 51D252.

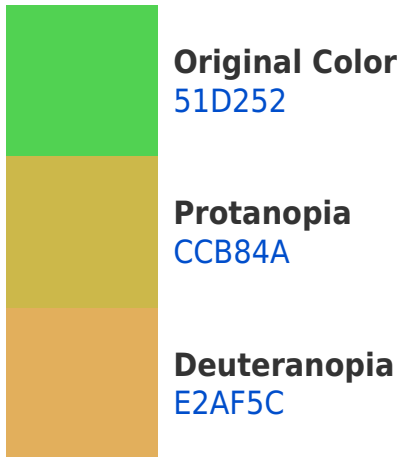


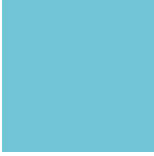
This preview shows how white text looks on a background with the Hex color 51D252.

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](#).

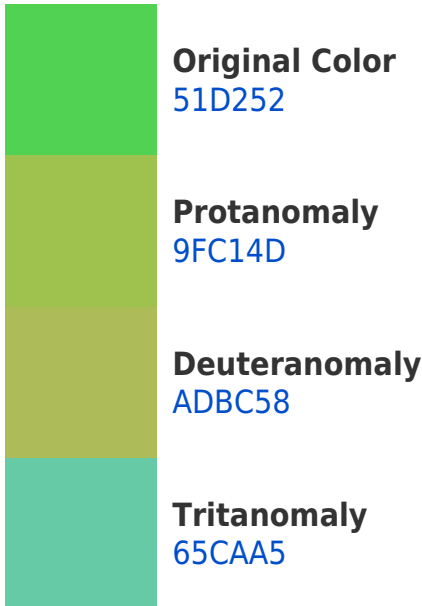
Dichromacy



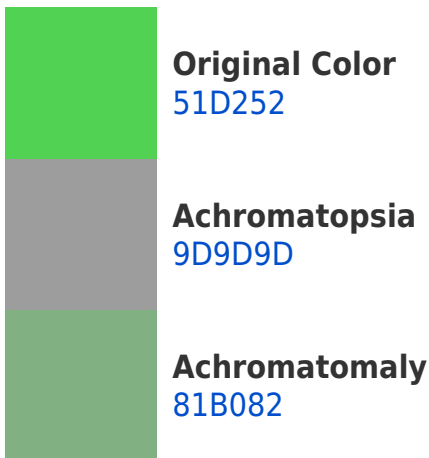


Tritanopia
71C5D5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 51D252 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 #51D252 looks like.

```
.text, #text, p{  
    color:#51D252  
}
```

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 #51D252 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #51D252
}
```

Border

The CSS property to change the border of an element to Hex 51D252 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
#51D252 }
```

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

```
.border{ border-color:#51D252 }
```

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

Here you see how a box with a 4 pixel #51D252 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #51D252; -webkit-box-shadow:4px 4px  
4px 4px #51D252; box-shadow:4px 4px 4px  
4px #51D252 }
```

Background

The CSS property to change the background color of an element to Hex 51D252 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#51D252 }
```

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

```
.background{ background-color:#51D252 }
```

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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