

Converting Colors

Hex(51DE62)

Have a look what the booklet for
Hex(51DE62) contains.

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Color

Hex(51DE62)

Conversions

Conversions Part 1

Format	Color
Hex	51DE62
RGB	81, 222, 98
RGB Percent	32%, 87%, 38%
CMY	0.6824, 0.1294, 0.6157
CMYK	0.64, 0.00, 0.56, 0.13
HSL	127°, 68%, 59%
HSV	127°, 64%, 87%
XYZ	31.7192, 54.8737, 20.4752
YIQ	165.7050, -44.2320, -68.4560

Conversions

Conversions Part 2

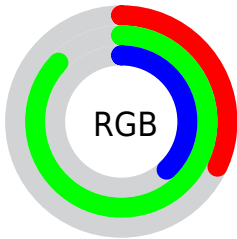
Format	Color
RYB	81, 207, 222
Decimal	5365346
CIELab	78.97, -62.53, 49.16
CIELCh	79, 79.539, 141.829
Yxy	54.8737, 0.2963, 0.5125
Android (android.graphics.Color)	4283555426 (0xFF51DE62)
YUV	165.7050, -33.3786, -74.2863
Hunter-Lab	74.0768, -53.2018, 35.4657

Details

The Hex color **51DE62** is a dark color, and the websafe version is hex **33CC66**. The color can be described as middle muted spring green. A complement of this color would be **DE51CD**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **90FF98**, and **00A62D** is the 20% darker color. If you saturate the color by 10%, you get **3BDE4E**, and if you desaturate by 10%, it is **67DE76**.

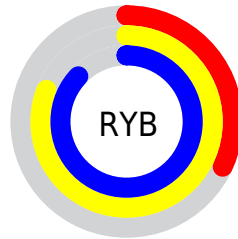
Distribution



Red (32%)

Green (87%)

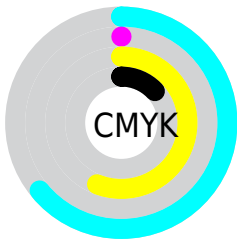
Blue (38%)



Red (32%)

Yellow (81%)

Blue (87%)

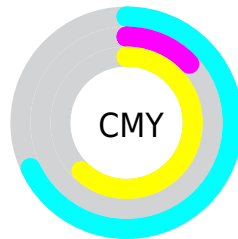


Cyan (64%)

Magenta (0%)

Yellow (56%)

Black (13%)



Cyan (68%)

Magenta (13%)


Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 51DE62 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 51DE62 by changing the saturation by 10% instead.

 51DE62

 51DE62

FFFFFF

 2AC148

 90FF98

 00A62D

 AEFFB3

 008A0E

 CDFFD0

 007000


 EBFEC

 005600

 003D00

 002500

 000000

 51DE62

 51DE62

 3BDE4E

 67DE76

 25DE3B

 7DDE89

 0EDE27

 94DE9D

 00DE1B

 AADEB0

 C0DEC4

 D6DED7

 ECDEEB

 FFDEFE

 FFDEFF

Harmonies

Analogous

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



B4D022



51DE62



00E5AC

Triad

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



51DE62



00D2FF



FF7F91

Complementary

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



51DE62



DE51CD

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.



FF7CDB



51DE62



9CB8FF

Square

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



51DE62



00E1FF



FF97FF



FF9A4F

Rectangle

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



51DE62



00E6E0



FF97FF



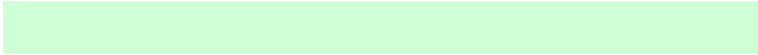
FF7AA9

Sweetspot

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



51DE62



CFFFD4



CEDE51



628066



000000



808080

Same Dimension

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



51DE62



3DFF55



51DEA8



657066



00B015



003006

Inverse Universe

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



DE51CD



FF3DE8



DE5187



70656F



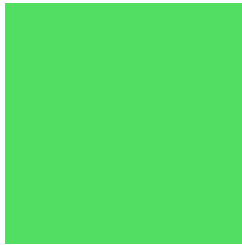
B0009B



30002B

Previews

White Background



This preview shows how the Hex color 51DE62 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 51DE62 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

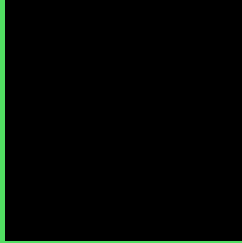
Any Text WCAG AA ✓ Pass

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 51DE62 Background



This preview shows how black text looks on a background with the Hex color 51DE62.

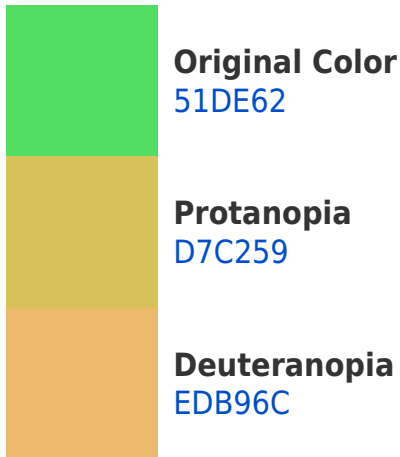


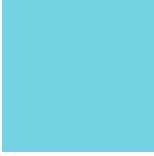
This preview shows how white text looks on a background with the Hex color 51DE62.

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



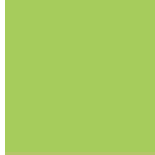


Tritanopia
73D1E1

Trichromacy



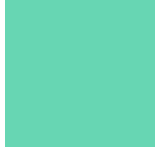
Original Color
51DE62



Protanomaly
A6CC5C



Deuteranomaly
B4C668



Tritanomaly
67D6B3

Monochromacy



Original Color
51DE62



Achromatopsia
A6A6A6



Achromatomaly
87BA8D

CSS Examples

Text

The CSS property to change the color of the text to Hex 51DE62 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 #51DE62 looks like.

```
.text, #text, p{  
    color:#51DE62  
}
```

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 #51DE62 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #51DE62
}
```

Border

The CSS property to change the border of an element to Hex 51DE62 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
#51DE62 }
```

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

```
.border{ border-color:#51DE62 }
```

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

Here you see how a box with a 4 pixel #51DE62 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #51DE62; -webkit-box-shadow:4px 4px  
4px 4px #51DE62; box-shadow:4px 4px 4px  
4px #51DE62 }
```

Background

The CSS property to change the background color of an element to Hex 51DE62 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#51DE62 }
```

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

```
.background{ background-color:#51DE62 }
```

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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