

Converting Colors

Hex(52DE6B)

Have a look what the booklet for
Hex(52DE6B) contains.

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Color

Hex(52DE6B)

Conversions

Conversions Part 1

Format	Color
Hex	52DE6B
RGB	82, 222, 107
RGB Percent	32%, 87%, 42%
CMY	0.6784, 0.1294, 0.5804
CMYK	0.63, 0.00, 0.52, 0.13
HSL	131°, 68%, 60%
HSV	131°, 63%, 87%
XYZ	32.2548, 55.0979, 22.8449
YIQ	167.0300, -46.5250, -65.4450

Conversions

Conversions Part 2

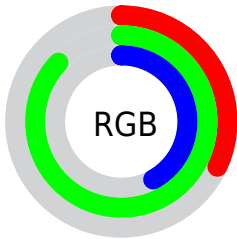
Format	Color
RYB	82, 201, 222
Decimal	5430891
CIELab	79.10, -61.15, 45.12
CIElCh	79, 75.991, 143.578
Yxy	55.0979, 0.2927, 0.5000
Android (android.graphics.Color)	4283620971 (0xFF52DE6B)
YUV	167.0300, -29.5948, -74.5713
Hunter-Lab	74.2280, -52.3341, 33.7121

Details

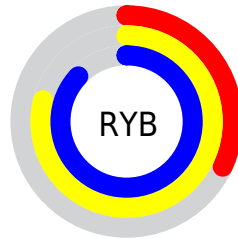
The Hex color **52DE6B** is a dark color, and the websafe version is hex **33CC66**. The color can be described as middle muted spring green. A complement of this color would be **DE52C5**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **91FFA1**, and **00A637** is the 20% darker color. If you saturate the color by 10%, you get **3CDE59**, and if you desaturate by 10%, it is **68DE7D**.

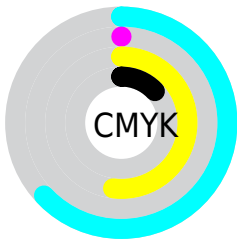
Distribution



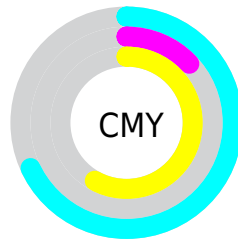
- Red (32%)
- Green (87%)
- Blue (42%)



- Red (32%)
- Yellow (79%)
- Blue (87%)



- Cyan (63%)
- Magenta (0%)
- Yellow (52%)
- Black (13%)



- Cyan (68%)
- Magenta (13%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 52DE6B 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 52DE6B by changing the saturation by 10% instead.

 52DE6B

 52DE6B

FFFFFF

 2CC151

 91FFA1

 00A637

 AFFFBC

 008A1C

 CDFFD9

 007000

 EBFFF5

 005600

 003D00

 002600

 000000

 52DE6B

 52DE6B

 3CDE59

 68DE7D

 26DE47

 7EDE8F

 0FDE34

 95DEA2

 00DE28

 ABDEB4

 C1DEC6

 D7DED8

 EDDEEB

 FFDEFD

 FFDEFF

Harmonies

Analogous

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



B2D132



52DE6B



00E4B2

Triad

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



52DE6B



00D1FF



FF8590

Complementary

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



52DE6B



DE52C5

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.



FF81D6



52DE6B



A8B8FF

Square

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



52DE6B



00DFFF



FF98FF



FF9F52

Rectangle

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



52DE6B



00E6E3



FF98FF



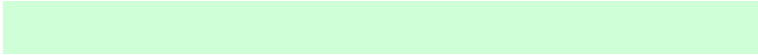
FF80A7

Sweetspot

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



52DE6B



CFFFD7



C7DE52



628067



000000



808080

Same Dimension

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



52DE6B



3DFF60



52DEAF



657067



00B01F



003009

Inverse Universe

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



DE52C5



FF3DDC



DE5281



70656E



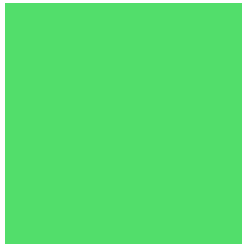
B00091



300028

Previews

White Background



This preview shows how the Hex color 52DE6B 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 52DE6B 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 52DE6B Background



This preview shows how black text looks on a background with the Hex color 52DE6B.

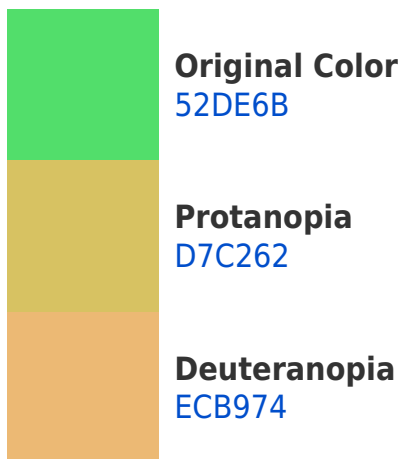


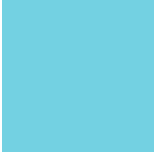
This preview shows how white text looks on a background with the Hex color 52DE6B.

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](#).

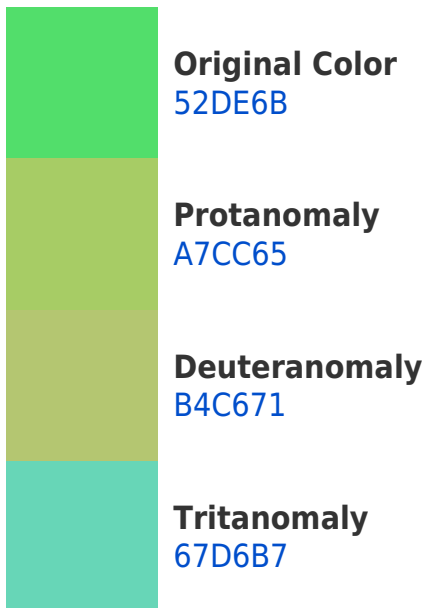
Dichromacy



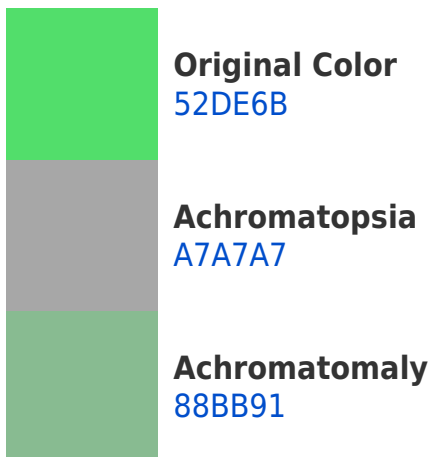


Tritanopia
73D1E2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 52DE6B 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 #52DE6B looks like.

```
.text, #text, p{  
    color:#52DE6B  
}
```

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 #52DE6B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #52DE6B
}
```

Border

The CSS property to change the border of an element to Hex 52DE6B 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
#52DE6B }
```

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

```
.border{ border-color:#52DE6B }
```

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

Here you see how a box with a 4 pixel #52DE6B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #52DE6B; -webkit-box-shadow:4px 4px  
4px 4px #52DE6B; box-shadow:4px 4px 4px  
4px #52DE6B }
```

Background

The CSS property to change the background color of an element to Hex 52DE6B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#52DE6B }
```

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

```
.background{ background-color:#52DE6B }
```

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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