

Converting Colors

Hex(5DE053)

Have a look what the booklet for
Hex(5DE053) contains.

Hex(5DE053)	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(5DE053)

Conversions

Conversions Part 1

Format	Color
Hex	5DE053
RGB	93, 224, 83
RGB Percent	36%, 88%, 33%
CMY	0.6353, 0.1216, 0.6745
CMYK	0.58, 0.00, 0.63, 0.12
HSL	116°, 69%, 60%
HSV	116°, 63%, 88%
XYZ	32.7312, 56.2630, 17.3183
YIQ	168.7570, -32.8150, -71.6230

Conversions

Conversions Part 2

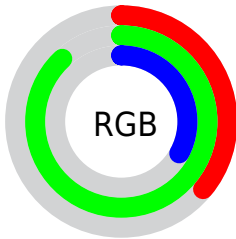
Format	Color
RYB	83, 224, 214
Decimal	6152275
CIELab	79.76, -62.31, 56.75
CIELCh	80, 84.276, 137.674
Yxy	56.2630, 0.3079, 0.5292
Android (android.graphics.Color)	4284342355 (0xFF5DE053)
YUV	168.7570, -42.2782, -66.4389
Hunter-Lab	75.0087, -53.3739, 38.8169

Details

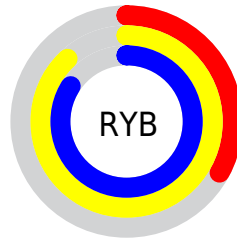
The Hex color **5DE053** is a dark color, and the websafe version is hex **33CC33**. The color can be described as middle muted green. A complement of this color would be **D653E0**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **9BFF89**, and **00A718** is the 20% darker color. If you saturate the color by 10%, you get **48E03D**, and if you desaturate by 10%, it is **72E069**.

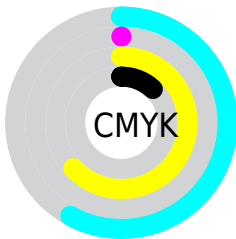
Distribution



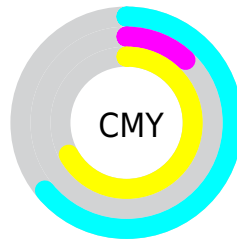
- Red (36%)
- Green (88%)
- Blue (33%)



- Red (33%)
- Yellow (88%)
- Blue (84%)



- Cyan (58%)
- Magenta (0%)
- Yellow (63%)
- Black (12%)



- Cyan (64%)
- Magenta (12%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5DE053 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 5DE053 by changing the saturation by 10% instead.

 5DE053

 5DE053

FFFFFF

 3AC337

 9BFF89

 00A718

 B9FFA5

 008C00

 D7FFC1

 007200

 F6FFDE

 005800

 FFFFFB

 003F00

 002700

 000000

 5DE053

 5DE053

 48E03D

 72E069

 33E026

 87E080

 1FE010

 9BE096

 10E000

 B0E0AD

 C5E0C3

 DAE0D9

 EFE0F0

 FFE0FF

Harmonies

Analogous

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



BFD000



5DE053



00E8A1

Triad

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



5DE053



00D8FF



FF789B

Complementary

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



5DE053



D63E00

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.



FF7AEA



5DE053



7EBFFF

Square

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



5DE053



00E6FF



FF9BFF



FF9552

Rectangle

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



5DE053



00EAD8



FF9BFF



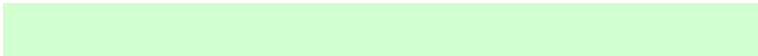
FF74B5

Sweetspot

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



5DE053



D2FFCF



E0D453



648062



000000



808080

Same Dimension

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



5DE053



4BFF3D



53E08E



667065



0CB000



033000

Inverse Universe

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



D653E0



F13DFF



E053A5



6F6570



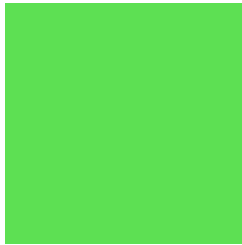
A300B0



2D0030

Previews

White Background



This preview shows how the Hex color 5DE053 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 5DE053 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

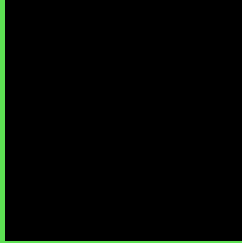
Any Text WCAG AA ✓ Pass

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 5DE053 Background



This preview shows how black text looks on a background with the Hex color 5DE053.

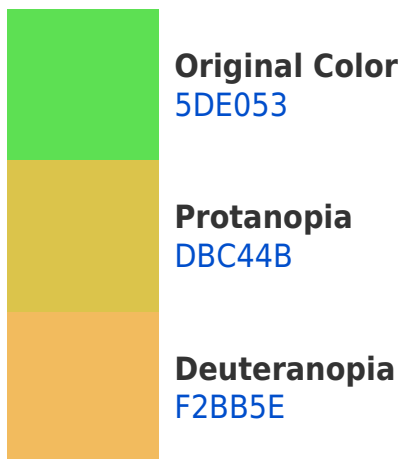


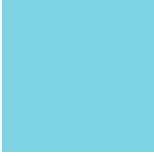
This preview shows how white text looks on a background with the Hex color 5DE053.

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
7DD2E3

Trichromacy



Original Color
5DE053



Protanomaly
ADCE4E



Deuteranomaly
BCC85A

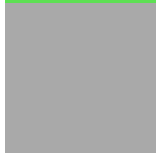


Tritanomaly
71D7AF

Monochromacy



Original Color
5DE053



Achromatopsia
A9A9A9



Achromatomaly
8DBD8A

CSS Examples

Text

The CSS property to change the color of the text to Hex 5DE053 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 #5DE053 looks like.

```
.text, #text, p{  
    color:#5DE053  
}
```

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 #5DE053 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5DE053
}
```

Border

The CSS property to change the border of an element to Hex 5DE053 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
#5DE053 }
```

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

```
.border{ border-color:#5DE053 }
```

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

Here you see how a box with a 4 pixel #5DE053 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5DE053; -webkit-box-shadow:4px 4px  
4px 4px #5DE053; box-shadow:4px 4px 4px  
4px #5DE053 }
```

Background

The CSS property to change the background color of an element to Hex 5DE053 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5DE053 }
```

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

```
.background{ background-color:#5DE053 }
```

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