

Converting Colors

Hex(5DE238)

Have a look what the booklet for
Hex(5DE238) contains.

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Color

Hex(5DE238)

Conversions

Conversions Part 1

Format	Color
Hex	5DE238
RGB	93, 226, 56
RGB Percent	36%, 89%, 22%
CMY	0.6353, 0.1137, 0.7804
CMYK	0.59, 0.00, 0.75, 0.11
HSL	107°, 75%, 55%
HSV	107°, 75%, 89%
XYZ	32.4244, 57.0054, 13.0356
YIQ	166.8530, -24.6980, -81.0660

Conversions

Conversions Part 2

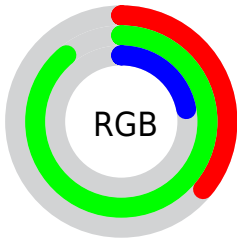
Format	Color
RYB	56, 226, 189
Decimal	6152760
CIELab	80.18, -65.21, 67.26
CIELCh	80, 93.685, 134.115
Yxy	57.0054, 0.3164, 0.5563
Android (android.graphics.Color)	4284342840 (0xFF5DE238)
YUV	166.8530, -54.6505, -64.7691
Hunter-Lab	75.5019, -55.4714, 42.6148

Details

The Hex color **5DE238** is a dark color, and the websafe version is hex **33CC00**. The color can be described as dark washed green. A complement of this color would be **BD38E2**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **9CFF72**, and **00A900** is the 20% darker color. If you saturate the color by 10%, you get **4BE221**, and if you desaturate by 10%, it is **6FE24F**.

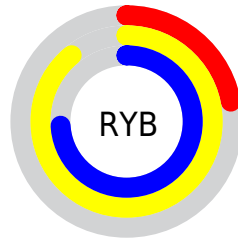
Distribution



Red (36%)

Green (89%)

Blue (22%)



Red (22%)

Yellow (89%)

Blue (74%)

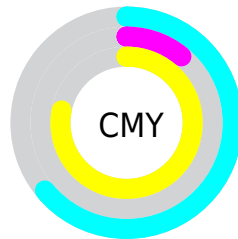


Cyan (59%)

Magenta (0%)

Yellow (75%)

Black (11%)



Cyan (64%)

Magenta (11%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5DE238 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 5DE238 by changing the saturation by 10% instead.

 5DE238

 5DE238

FFFFFF

 39C512

 9CFF72

 00A900

 BAFF8E

 008E00

 D9FFAB

 007300

 F8FFC8

 005900

 FFFF E5

 004000

 002800

 000100

 000000

 5DE238

 5DE238

 4BE221

 6FE24F

 3AE20B

 80E265

 31E200

 92E27C

 A4E292

 B5E2A9

 C7E2C0

 D9E2D6

 EAE2ED

 FCE2FF

Harmonies

Analogous

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



C8D000



5DE238



00EB94

Triad

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



5DE238



00DEFF



FF67A2

Complementary

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



5DE238



BD38E2

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.



FF70F9



5DE238



37C3FF

Square

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



5DE238



00EBFF



FD9BFF



FF894F

Rectangle

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



5DE238



00EED1



FD9BFF



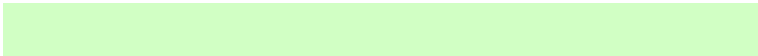
FF63BF

Sweetspot

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



5DE238



D1FFC4



E2BA38



64805C



000000



808080

Same Dimension

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



5DE238



4BFF19



38E265



677065



26B000



0B3000

Inverse Universe

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



BD38E2



CD19FF



E238B5



6E6570



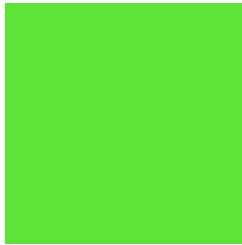
8A00B0



260030

Previews

White Background



This preview shows how the Hex color 5DE238 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 5DE238 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

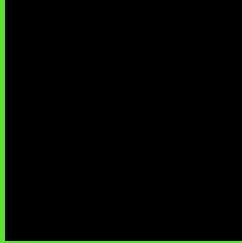
Any Text WCAG AA ✓ Pass

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 5DE238 Background



This preview shows how black text looks on a background with the Hex color 5DE238.

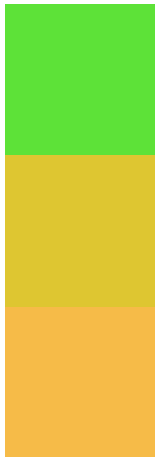


This preview shows how white text looks on a background with the Hex color 5DE238.

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](#).

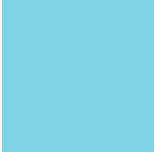
Dichromacy



Original Color
5DE238

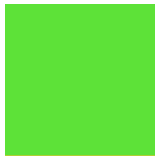
Protanopia
DEC631

Deuteranopia
F6BB48



Tritanopia
80D3E4

Trichromacy



Original Color
5DE238



Protanomaly
AFD034



Deuteranomaly
BEC942



Tritanomaly
73D8A5

Monochromacy



Original Color
5DE238



Achromatopsia
A7A7A7



Achromatomaly
8CBC7F

CSS Examples

Text

The CSS property to change the color of the text to Hex 5DE238 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 #5DE238 looks like.

```
.text, #text, p{  
    color:#5DE238  
}
```

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 #5DE238 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5DE238
}
```

Border

The CSS property to change the border of an element to Hex 5DE238 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
#5DE238 }
```

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

```
.border{ border-color:#5DE238 }
```

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

Here you see how a box with a 4 pixel #5DE238 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5DE238; -webkit-box-shadow:4px 4px  
4px 4px #5DE238; box-shadow:4px 4px 4px  
4px #5DE238 }
```

Background

The CSS property to change the background color of an element to Hex 5DE238 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5DE238 }
```

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

```
.background{ background-color:#5DE238 }
```

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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