

Converting Colors

Hex(5DE62F)

Have a look what the booklet for
Hex(5DE62F) contains.

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Color

Hex(5DE62F)

Conversions

Conversions Part 1

Format	Color
Hex	5DE62F
RGB	93, 230, 47
RGB Percent	36%, 90%, 18%
CMY	0.6353, 0.0980, 0.8157
CMYK	0.60, 0.00, 0.80, 0.10
HSL	105°, 79%, 54%
HSV	105°, 80%, 90%
XYZ	33.3241, 59.1260, 12.3454
YIQ	168.1750, -22.9090, -85.9570

Conversions

Conversions Part 2

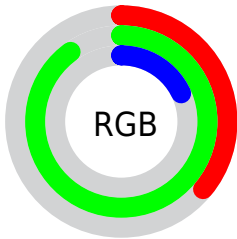
Format	Color
RYB	47, 230, 184
Decimal	6153775
CIELab	81.36, -67.09, 71.06
CIELCh	81, 97.729, 133.353
Yxy	59.1260, 0.3180, 0.5642
Android (android.graphics.Color)	4284343855 (0xFF5DE62F)
YUV	168.1750, -59.7393, -65.9285
Hunter-Lab	76.8934, -57.2051, 44.3063

Details

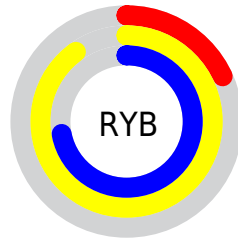
The Hex color **5DE62F** is a dark color, and the websafe version is hex **33CC00**. The color can be described as dark washed green. A complement of this color would be **B82FE6**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **9DFF6C**, and **00AD00** is the 20% darker color. If you saturate the color by 10%, you get **4CE618**, and if you desaturate by 10%, it is **6EE646**.

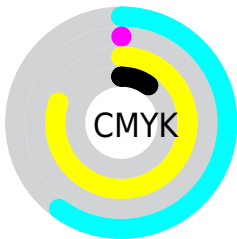
Distribution



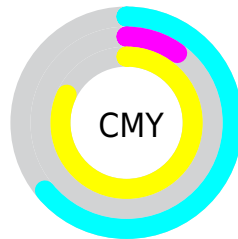
- Red (36%)
- Green (90%)
- Blue (18%)



- Red (18%)
- Yellow (90%)
- Blue (72%)



- Cyan (60%)
- Magenta (0%)
- Yellow (80%)
- Black (10%)



- Cyan (64%)
- Magenta (10%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5DE62F 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 5DE62F by changing the saturation by 10% instead.

 5DE62F

 5DE62F


FFFFFF

 38C900

 9DFF6C

 00AD00

 BCFF89

 009200

 DAFFA5

 007700

 F9FFC2

 005D00

 FFFFE0

 004300

FFFFFFD

 002B00

 000900

 000000

 5DE62F

 5DE62F


 4CE618

 6EE646

 3BE601

 7FE65D

 3AE600

 91E674

 A2E68B

 B3E6A2

 C4E6B9

 D6E6D0

 E7E6E7

 F8E6FE

Harmonies

Analogous

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



CDD300



5DE62F



00F092

Triad

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



5DE62F



00E3FF



FF62A5

Complementary

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



5DE62F



B82FE6

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.



FF6EFF



5DE62F



00C8FF

Square

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



5DE62F



00F0FF



FF9DFF



FF884E

Rectangle

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



5DE62F



00F3D2



FF9DFF



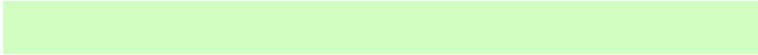
FF5FC4

Sweetspot

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



5DE62F



D1FFC2



E6B52F



64805B



000000



808080

Same Dimension

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



5DE62F



4AFF0D



2FE65A



6A7367



2DB300



0D3300

Inverse Universe

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



B82FE6



C20DFE



E62FBB



706773



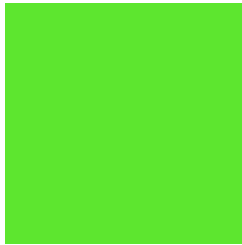
8600B3



260033

Previews

White Background



This preview shows how the Hex color 5DE62F looks on a white background.

Color Contrast Check

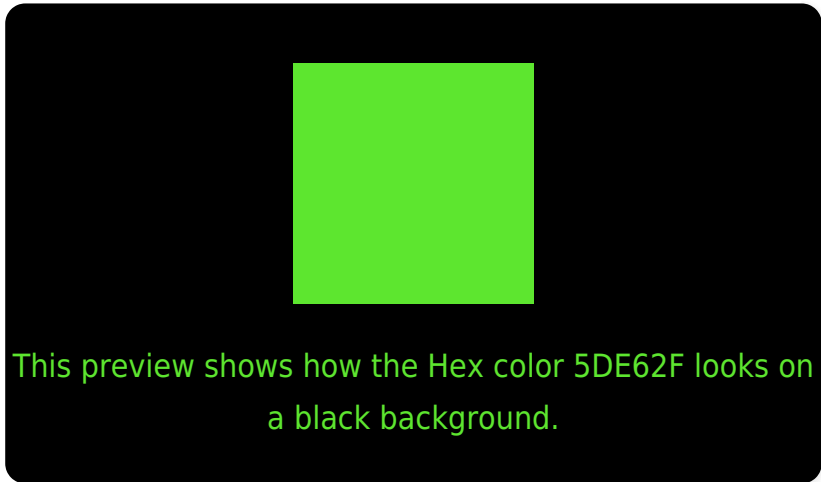
Large Text (above 18pt) WCAG AA × Fail

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

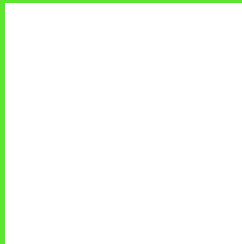
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 5DE62F Background



This preview shows how black text looks on a background with the Hex color 5DE62F.

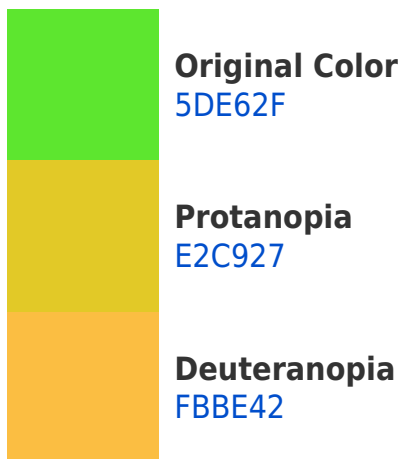


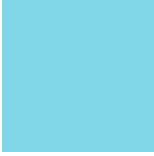
This preview shows how white text looks on a background with the Hex color 5DE62F.

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
81D6E7

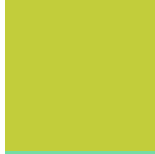
Trichromacy



Original Color
5DE62F



Protanomaly
B2D42A



Deuteranomaly
C2CD3B

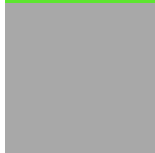


Tritanomaly
74DCA4

Monochromacy



Original Color
5DE62F



Achromatopsia
A8A8A8



Achromatomaly
8DBF7C

CSS Examples

Text

The CSS property to change the color of the text to Hex 5DE62F 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 #5DE62F looks like.

```
.text, #text, p{  
    color:#5DE62F  
}
```

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 #5DE62F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5DE62F
}
```

Border

The CSS property to change the border of an element to Hex 5DE62F 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
#5DE62F }
```

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

```
.border{ border-color:#5DE62F }
```

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

Here you see how a box with a 4 pixel #5DE62F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5DE62F; -webkit-box-shadow:4px 4px  
4px 4px #5DE62F; box-shadow:4px 4px 4px  
4px #5DE62F }
```

Background

The CSS property to change the background color of an element to Hex 5DE62F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5DE62F }
```

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

```
.background{ background-color:#5DE62F }
```

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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