

Converting Colors

Hex(5FE630)

Have a look what the booklet for
Hex(5FE630) contains.

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Color

Hex(5FE630)

Conversions

Conversions Part 1

Format	Color
Hex	5FE630
RGB	95, 230, 48
RGB Percent	37%, 90%, 19%
CMY	0.6275, 0.0980, 0.8118
CMYK	0.59, 0.00, 0.79, 0.10
HSL	105°, 78%, 55%
HSV	105°, 79%, 90%
XYZ	33.5496, 59.2399, 12.4625
YIQ	168.8870, -22.0380, -85.2220

Conversions

Conversions Part 2

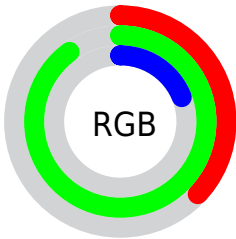
Format	Color
RYB	48, 230, 183
Decimal	6284848
CIELab	81.42, -66.57, 70.87
CIELCh	81, 97.226, 133.208
Yxy	59.2399, 0.3188, 0.5628
Android (android.graphics.Color)	4284474928 (0xFF5FE630)
YUV	168.8870, -59.5973, -64.7989
Hunter-Lab	76.9675, -56.8861, 44.2770

Details

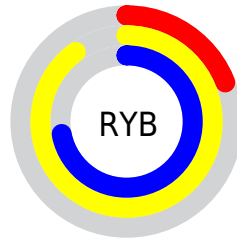
The Hex color **5FE630** is a dark color, and the websafe version is hex **33CC00**. The color can be described as dark washed green. A complement of this color would be **B730E6**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **9EFF6D**, and **00AD00** is the 20% darker color. If you saturate the color by 10%, you get **4EE619**, and if you desaturate by 10%, it is **70E647**.

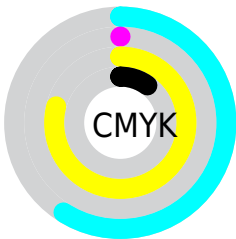
Distribution



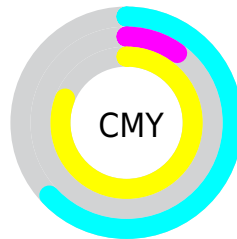
- Red (37%)
- Green (90%)
- Blue (19%)



- Red (19%)
- Yellow (90%)
- Blue (72%)



- Cyan (59%)
- Magenta (0%)
- Yellow (79%)
- Black (10%)



- Cyan (63%)
- Magenta (10%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5FE630 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 5FE630 by changing the saturation by 10% instead.

 5FE630

 5FE630


FFFFFF

 3BC900

 9EFF6D

 00AD00

 BDFF89

 009200

 DCFFA6

 007700

 FBFFC3

 005D00

 FFFFEO

 004300

FFFFFFE

 002C00

 000A00

 000000

 5FE630

 5FE630

 4EE619

 70E647

 3DE602

 81E65E

 3BE600

 92E675

 A3E68C

 B4E6A3

 C5E6BA

 D6E6D1

 E7E6E8

 F9E6FF

Harmonies

Analogous

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



CDD300



5FE630



00F092

Triad

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



5FE630



00E3FF



FF63A6

Complementary

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



5FE630



B730E6

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.



FF6FFF



5FE630



00C8FF

Square

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



5FE630



00F0FF



FF9EFF



FF8850

Rectangle

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



5FE630



00F3D2



FF9EFF



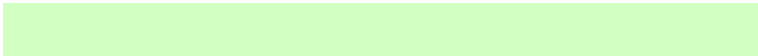
FF60C5

Sweetspot

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



5FE630



D2FFC2



E6B530



64805B



000000



808080

Same Dimension

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



5FE630



4BFF0D



30E65A



6A7367



2EB300



0D3300

Inverse Universe

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



B730E6



C00DFF



E630BC



706773



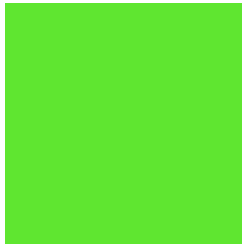
8400B3



260033

Previews

White Background



This preview shows how the Hex color 5FE630 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 5FE630 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

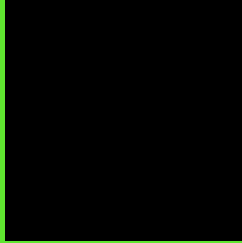
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

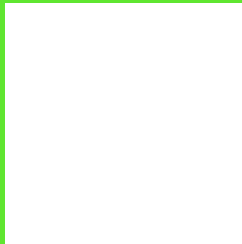
Any Text WCAG AAA ✓ Pass

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

Hex 5FE630 Background



This preview shows how black text looks on a background with the Hex color 5FE630.

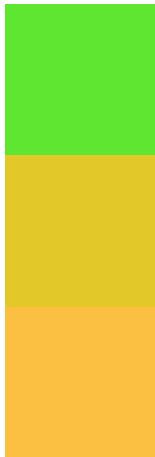


This preview shows how white text looks on a background with the Hex color 5FE630.

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](#).

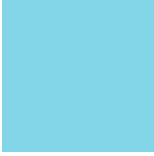
Dichromacy



Original Color
5FE630

Protanopia
E2C929

Deuteranopia
FBBF42



Tritanopia
83D6E8

Trichromacy



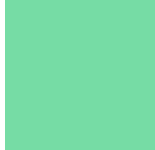
Original Color
5FE630



Protanomaly
B2D42C



Deuteranomaly
C2CD3B

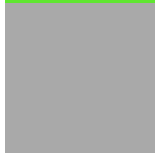


Tritanomaly
76DCA5

Monochromacy



Original Color
5FE630



Achromatopsia
A9A9A9



Achromatomaly
8EBF7D

CSS Examples

Text

The CSS property to change the color of the text to Hex 5FE630 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 #5FE630 looks like.

```
.text, #text, p{  
    color:#5FE630  
}
```

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 #5FE630 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5FE630
}
```

Border

The CSS property to change the border of an element to Hex 5FE630 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
#5FE630 }
```

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

```
.border{ border-color:#5FE630 }
```

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

Here you see how a box with a 4 pixel #5FE630 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5FE630; -webkit-box-shadow:4px 4px  
4px 4px #5FE630; box-shadow:4px 4px 4px  
4px #5FE630 }
```

Background

The CSS property to change the background color of an element to Hex 5FE630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5FE630 }
```

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

```
.background{ background-color:#5FE630 }
```

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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