

Converting Colors

Hex(1FE062)

Have a look what the booklet for
Hex(1FE062) contains.

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Color

Hex(1FE062)

Conversions

Conversions Part 1

Format	Color
Hex	1FE062
RGB	31, 224, 98
RGB Percent	12%, 88%, 38%
CMY	0.8784, 0.1216, 0.6157
CMYK	0.86, 0.00, 0.56, 0.12
HSL	141°, 76%, 50%
HSV	141°, 86%, 88%
XYZ	29.4253, 54.4845, 20.5210
YIQ	151.9290, -74.5820, -80.1020

Conversions

Conversions Part 2

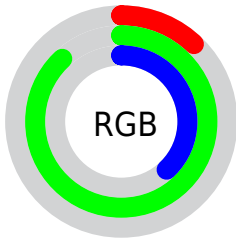
Format	Color
RYB	31, 174, 224
Decimal	2089058
CIELab	78.74, -70.13, 48.68
CIELCh	79, 85.373, 145.233
Yxy	54.4845, 0.2818, 0.5217
Android (android.graphics.Color)	4280279138 (0xFF1FE062)
YUV	151.9290, -26.5870, -106.0547
Hunter-Lab	73.8136, -58.0159, 35.1863

Details

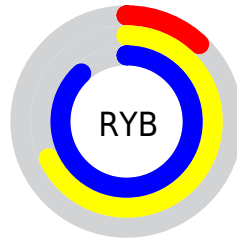
The Hex color **1FE062** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed spring green. A complement of this color would be **E01F9D**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **73FF98**, and **00A72D** is the 20% darker color. If you saturate the color by 10%, you get **09E053**, and if you desaturate by 10%, it is **35E071**.

Distribution



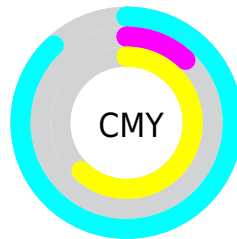
- Red (12%)
- Green (88%)
- Blue (38%)



- Red (12%)
- Yellow (68%)
- Blue (88%)



- Cyan (86%)
- Magenta (0%)
- Yellow (56%)
- Black (12%)



- Cyan (88%)
- Magenta (12%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1FE062 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 1FE062 by changing the saturation by 10% instead.

 1FE062

 1FE062

FFFFFF

 00C348

 73FF98

 00A72D

 94FFB3

 008C0E

 B3FFD0

 007100

 D2FFEC

 005600

 F2FFFF

 003E00

 002500

 000000

 1FE062

 1FE062

 09E053

 35E071

 00E04E

 4CE07F

 62E08E

 79E09C

 8FE0AB

 A5E0BA

 BCE0C8

 D2E0D7

 E9E0E6

Harmonies

Analogous

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



A7D208



1FE062



00E6B3

Triad

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



1FE062



00D0FF



FF7984

Complementary

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



1FE062



E01F9D

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.



FF71D3



1FE062



A7B3FF

Square

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



1FE062



00E1FF



FF8EFF



FF9A3C

Rectangle

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



1FE062



00E7EA



FF8EFF



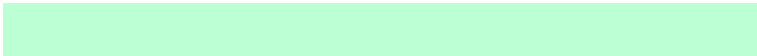
FF729E

Sweetspot

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



1FE062



BDFFD4



A0E01F



588066



000000



808080

Same Dimension

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



1FE062



00FF59



1FE0C0



657069



00B03D



003011

Inverse Universe

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



E01F9D



FF00A6



E01F3F



70656C



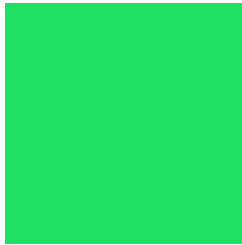
B00073



300020

Previews

White Background



This preview shows how the Hex color 1FE062 looks on a white background.

Color Contrast Check

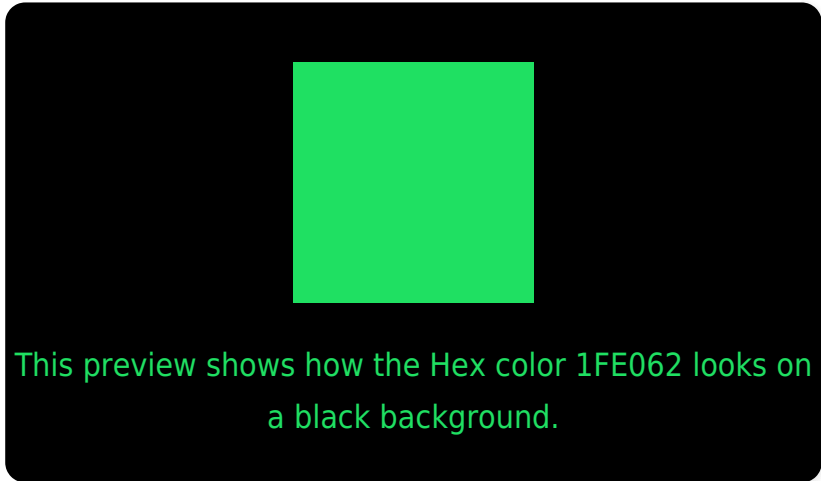
Large Text (above 18pt) WCAG AA × Fail

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 1FE062 Background



This preview shows how black text looks on a background with the Hex color 1FE062.

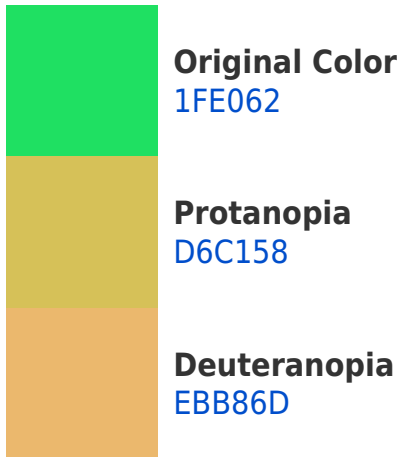


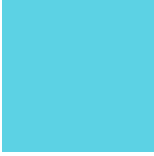
This preview shows how white text looks on a background with the Hex color 1FE062.

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
5CD2E4

Trichromacy



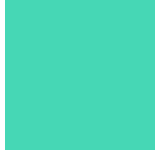
Original Color
1FE062



Protanomaly
93CC5C



Deuteranomaly
A1C769



Tritanomaly
46D7B5

Monochromacy



Original Color
1FE062



Achromatopsia
989898



Achromatomaly
6CB284

CSS Examples

Text

The CSS property to change the color of the text to Hex 1FE062 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 #1FE062 looks like.

```
.text, #text, p{  
    color:#1FE062  
}
```

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 #1FE062 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1FE062
}
```

Border

The CSS property to change the border of an element to Hex 1FE062 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
#1FE062 }
```

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

```
.border{ border-color:#1FE062 }
```

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

Here you see how a box with a 4 pixel #1FE062 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1FE062; -webkit-box-shadow:4px 4px  
4px 4px #1FE062; box-shadow:4px 4px 4px  
4px #1FE062 }
```

Background

The CSS property to change the background color of an element to Hex 1FE062 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1FE062 }
```

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

```
.background{ background-color:#1FE062 }
```

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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