

Converting Colors

Hex(5FE162)

Have a look what the booklet for
Hex(5FE162) contains.

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Color

Hex(5FE162)

Conversions

Conversions Part 1

Format	Color
Hex	5FE162
RGB	95, 225, 98
RGB Percent	37%, 88%, 38%
CMY	0.6275, 0.1176, 0.6157
CMYK	0.58, 0.00, 0.56, 0.12
HSL	121°, 68%, 63%
HSV	121°, 58%, 88%
XYZ	33.8491, 57.1652, 20.8052
YIQ	171.6520, -36.7130, -67.0570

Conversions

Conversions Part 2

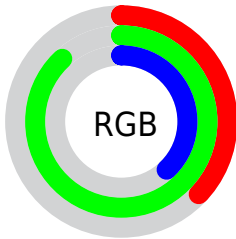
Format	Color
RYB	95, 222, 225
Decimal	6283618
CIELab	80.27, -60.56, 50.79
CIELCh	80, 79.038, 140.012
Yxy	57.1652, 0.3027, 0.5112
Android (android.graphics.Color)	4284473698 (0xFF5FE162)
YUV	171.6520, -36.3104, -67.2238
Hunter-Lab	75.6076, -52.3999, 36.6103

Details

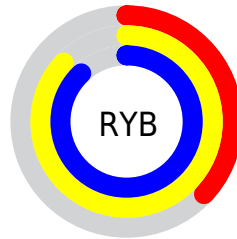
The Hex color **5FE162** is a dark color, and the websafe version is hex **33CC66**. The color can be described as middle muted spring green. A complement of this color would be **E15FDE**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **9CFF98**, and **09A82D** is the 20% darker color. If you saturate the color by 10%, you get **49E14C**, and if you desaturate by 10%, it is **76E178**.

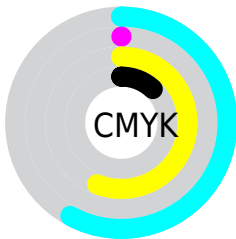
Distribution



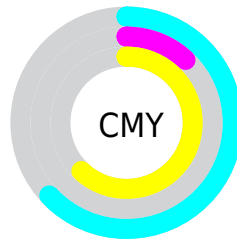
- Red (37%)
- Green (88%)
- Blue (38%)



- Red (37%)
- Yellow (87%)
- Blue (88%)



- Cyan (58%)
- Magenta (0%)
- Yellow (56%)
- Black (12%)



- Cyan (63%)
- Magenta (12%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5FE162 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 5FE162 by changing the saturation by 10% instead.

 5FE162

 5FE162

FFFFFF

 3DC448

 9CFF98

 09A82D

 BAFFB4

 008D0C

 D8FFD0


 007300

 F6FFED

 005900

 004000

 002900

 000200

 000000

 5FE162

 5FE162

 49E14C

 76E178

 32E136

 8CE18E

 1CE120

 A3E1A4

 05E10A

 B9E1BA

 00E105

 D0E1D0

 E6E1E6

 FDE1FC

 FFE1FF

Harmonies

Analogous

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



BDD226



5FE162



00E8AB

Triad

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



5FE162



00D7FF



FF8299

Complementary

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



5FE162



E15FDE

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.



FF82E3



5FE162



97BEFF

Square

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



5FE162



00E5FF



FF9DFF



FF9C57

Rectangle

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



5FE162



00EADF



FF9DFF



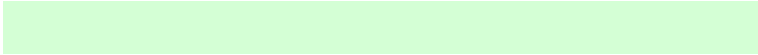
FF7FB1

Sweetspot

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



5FE162



D4FFD5



DFE15F



668067



000000



808080

Same Dimension

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



5FE162



4FFF53



5FE1A2



657065



00B004



003001

Inverse Universe

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



E15FDE



FF4FFB



E15F9E



706570



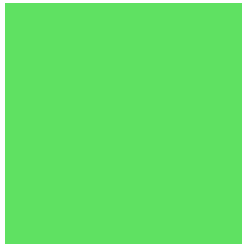
B000AC



30002F

Previews

White Background



This preview shows how the Hex color 5FE162 looks on a white background.

Color Contrast Check

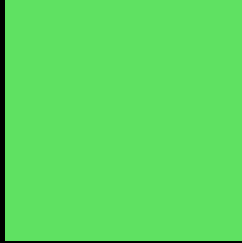
Large Text (above 18pt) WCAG AA × Fail

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 5FE162 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

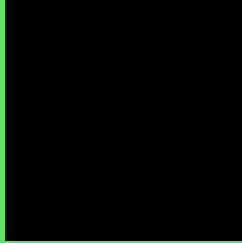
Any Text WCAG AA ✓ Pass

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 5FE162 Background



This preview shows how black text looks on a background with the Hex color 5FE162.

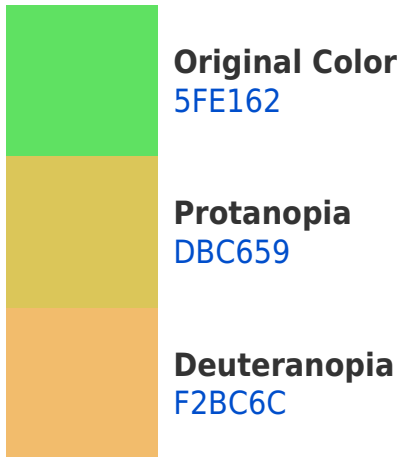


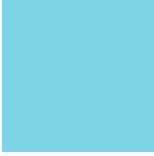
This preview shows how white text looks on a background with the Hex color 5FE162.

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



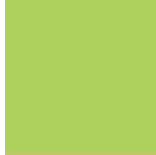


Tritanopia
7ED3E4

Trichromacy



Original Color
5FE162



Protanomaly
AED05C



Deuteranomaly
BDC968



Tritanomaly
73D8B5

Monochromacy



Original Color
5FE162



Achromatopsia
ACACAC



Achromatomaly
90BF91

CSS Examples

Text

The CSS property to change the color of the text to Hex 5FE162 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 #5FE162 looks like.

```
.text, #text, p{  
    color:#5FE162  
}
```

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 #5FE162 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5FE162
}
```

Border

The CSS property to change the border of an element to Hex 5FE162 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
#5FE162 }
```

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

```
.border{ border-color:#5FE162 }
```

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

Here you see how a box with a 4 pixel #5FE162 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5FE162; -webkit-box-shadow:4px 4px  
4px 4px #5FE162; box-shadow:4px 4px 4px  
4px #5FE162 }
```

Background

The CSS property to change the background color of an element to Hex 5FE162 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5FE162 }
```

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

```
.background{ background-color:#5FE162 }
```

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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