

Converting Colors

Hex(5FD86A)

Have a look what the booklet for
Hex(5FD86A) contains.

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Color

Hex(5FD86A)

Conversions

Conversions Part 1

Format	Color
Hex	5FD86A
RGB	95, 216, 106
RGB Percent	37%, 85%, 42%
CMY	0.6275, 0.1529, 0.5843
CMYK	0.56, 0.00, 0.51, 0.15
HSL	125°, 61%, 61%
HSV	125°, 56%, 85%
XYZ	31.8767, 52.5852, 22.1056
YIQ	167.2810, -36.8060, -59.8620

Conversions

Conversions Part 2

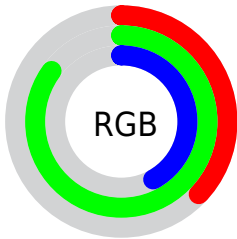
Format	Color
RYB	95, 206, 216
Decimal	6281322
CIELab	77.63, -56.19, 43.88
CIELCh	78, 71.293, 142.009
Yxy	52.5852, 0.2991, 0.4934
Android (android.graphics.Color)	4284471402 (0xFF5FD86A)
YUV	167.2810, -30.2115, -63.3904
Hunter-Lab	72.5157, -48.4368, 32.6871

Details

The Hex color **5FD86A** is a dark color, and the websafe version is hex **66CC66**. The color can be described as middle muted spring green. A complement of this color would be **D85FCD**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **9AFF9F**, and **14A037** is the 20% darker color. If you saturate the color by 10%, you get **49D856**, and if you desaturate by 10%, it is **75D87E**.

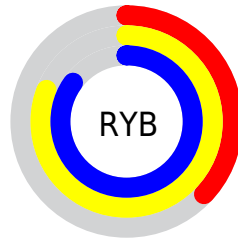
Distribution



Red (37%)

Green (85%)

Blue (42%)



Red (37%)

Yellow (81%)

Blue (85%)

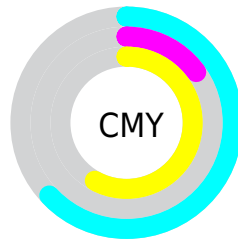


Cyan (56%)

Magenta (0%)

Yellow (51%)

Black (15%)



Cyan (63%)

Magenta (15%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5FD86A 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 5FD86A by changing the saturation by 10% instead.

 5FD86A

 5FD86A

FFFFFF

 3FBC50

 9AFF9F

 14A037

 B8FFBB

 00851C

 D6FFD7

 006B00

 F4FFF4

 005100

 003900

 002200

 000000

 5FD86A

 5FD86A

 49D856

 75D87E

 34D843

 8AD891

 1ED82F

 A0D8A5

 09D81B

 B5D8B9

 00D814

 CBD8CC

 E1D8E0

 F6D8F3

 FFD8FF

Harmonies

Analogous

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



B3CB38



5FD86A



00DEAB

Triad

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



5FD86A



00CDFE



FF8692

Complementary

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



5FD86A



D85FCD

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.



FF84D4



5FD86A



A1B6FF

Square

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



5FD86A



00DAFF



FF99FF



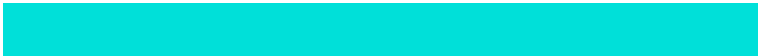
FF9C58

Rectangle

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



5FD86A



00E0D9



FF99FF



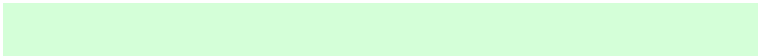
FF82A8

Sweetspot

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



5FD86A



D4FFD8



CED85F



668068



000000



808080

Same Dimension

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



5FD86A



54FF64



5FD8A6



606B61



00AB10



002B04

Inverse Universe

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



D85FCD



FF54EF



D85F91



6B606A



AB009B



2B0027

Previews

White Background



This preview shows how the Hex color 5FD86A looks on a white background.

Color Contrast Check

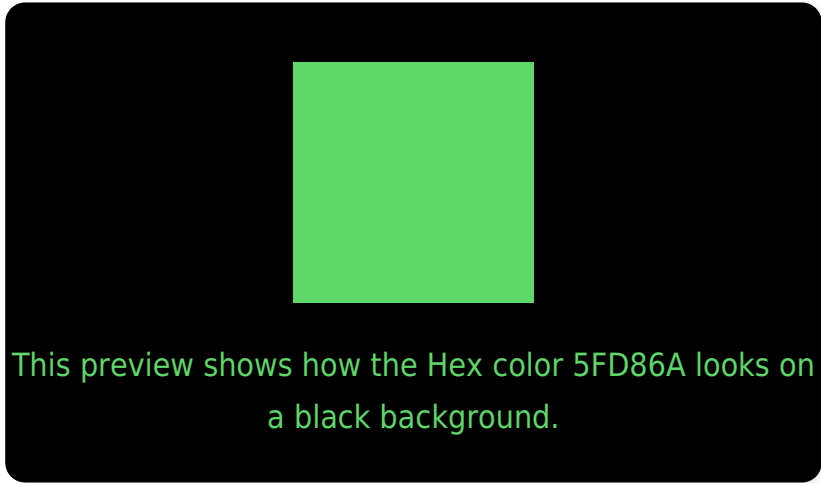
Large Text (above 18pt) WCAG AA × Fail

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

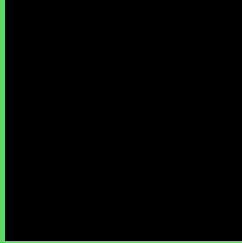
Any Text WCAG AA ✓ Pass

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 5FD86A Background



This preview shows how black text looks on a background with the Hex color 5FD86A.

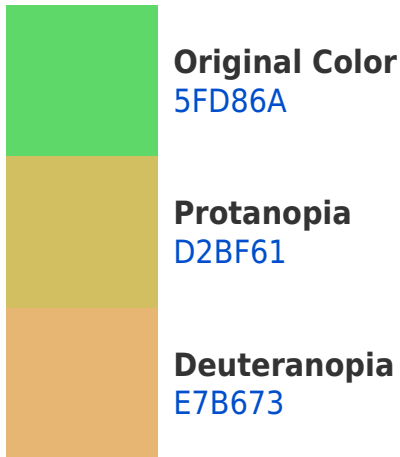


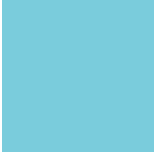
This preview shows how white text looks on a background with the Hex color 5FD86A.

Color Blindness Simulation

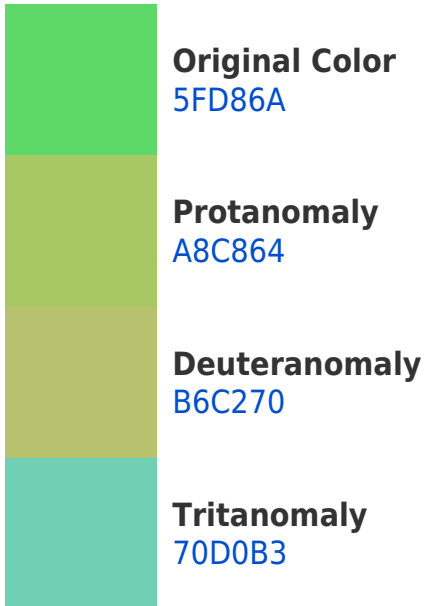
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

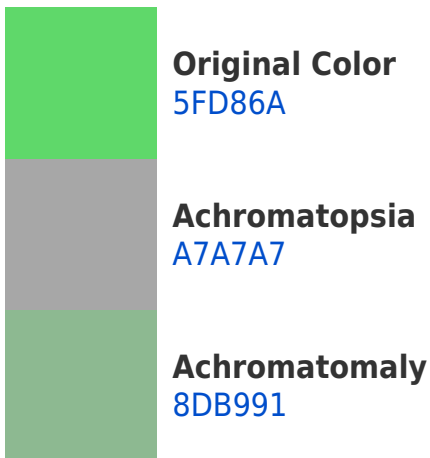




Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5FD86A 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 #5FD86A looks like.

```
.text, #text, p{  
    color:#5FD86A  
}
```

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 #5FD86A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5FD86A
}
```

Border

The CSS property to change the border of an element to Hex 5FD86A 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
#5FD86A }
```

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

```
.border{ border-color:#5FD86A }
```

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

Here you see how a box with a 4 pixel #5FD86A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5FD86A; -webkit-box-shadow:4px 4px  
4px 4px #5FD86A; box-shadow:4px 4px 4px  
4px #5FD86A }
```

Background

The CSS property to change the background color of an element to Hex 5FD86A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5FD86A }
```

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

```
.background{ background-color:#5FD86A }
```

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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