

Converting Colors

Hex(3FEA6B)

Have a look what the booklet for
Hex(3FEA6B) contains.

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Color

Hex(3FEA6B)

Conversions

Conversions Part 1

Format	Color
Hex	3FEA6B
RGB	63, 234, 107
RGB Percent	25%, 92%, 42%
CMY	0.7529, 0.0824, 0.5804
CMYK	0.73, 0.00, 0.54, 0.08
HSL	135°, 80%, 58%
HSV	135°, 73%, 92%
XYZ	34.1266, 60.9639, 23.8785
YIQ	168.3930, -61.1490, -75.7490

Conversions

Conversions Part 2

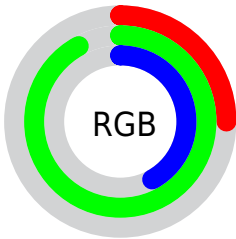
Format	Color
RYB	63, 199, 234
Decimal	4188779
CIELab	82.36, -68.59, 48.98
CIELCh	82, 84.278, 144.470
Yxy	60.9639, 0.2869, 0.5124
Android (android.graphics.Color)	4282378859 (0xFF3FEA6B)
YUV	168.3930, -30.2667, -92.4297
Hunter-Lab	78.0794, -58.6211, 36.5233

Details

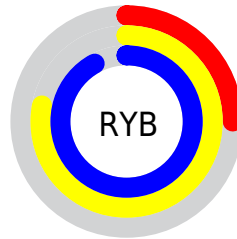
The Hex color **3FEA6B** is a dark color, and the websafe version is hex **66FF66**. The color can be described as dark washed spring green. A complement of this color would be **EA3FBE**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **85FFA1**, and **00B136** is the 20% darker color. If you saturate the color by 10%, you get **28EA5A**, and if you desaturate by 10%, it is **56EA7C**.

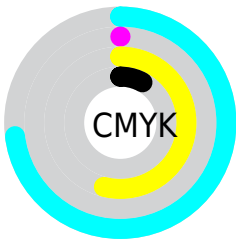
Distribution



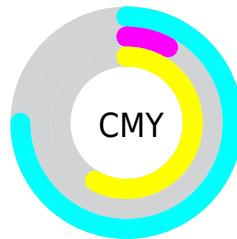
- Red (25%)
- Green (92%)
- Blue (42%)



- Red (25%)
- Yellow (78%)
- Blue (92%)



- Cyan (73%)
- Magenta (0%)
- Yellow (54%)
- Black (8%)



- Cyan (75%)
- Magenta (8%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3FEA6B 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 3FEA6B by changing the saturation by 10% instead.

 3FEA6B

 3FEA6B

FFFFFF

 00CD51

 85FFA1

 00B136

 A5FFBD

 00951A

 C4FFD9


 007A00

 E3FFF6

 006000

 004600

 002E00

 000F00

 000000

 3FEA6B

 3FEA6B

 28EA5A

 56EA7C

 10EA48

 6EEA8E

 00EA3C

 85EA9F

 9DEAB1

 B4EAC2

 CBEAD3

 E3EAE5

 FAEAF6

 FFEAFF

Harmonies

Analogous

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



B5DC22



3FEA6B



00F1BB

Triad

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



3FEA6B



00DBFF



FF8590

Complementary

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



3FEA6B



EA3FBE

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.



FF7EDF



3FEA6B



AFBEFF

Square

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



3FEA6B



00EBFF



FF9AFF



FFA44A

Rectangle

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



3FEA6B



00F2F2



FF9AFF



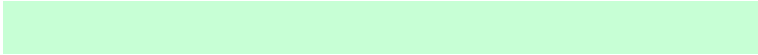
FF7EAA

Sweetspot

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



3FEA6B



C7FFD5



BFEA3F



5E8067



000000



808080

Same Dimension

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



3FEA6B



1FFF58



3FEABF



6A756D



00B52F



00360E

Inverse Universe

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



EA3FBE



FF1FC5



EA3F6A



756A72



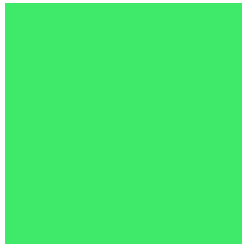
B50086



360028

Previews

White Background



This preview shows how the Hex color 3FEA6B 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 3FEA6B 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 3FEA6B Background



This preview shows how black text looks on a background with the Hex color 3FEA6B.

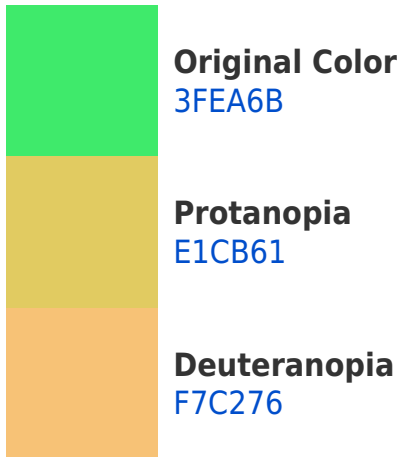


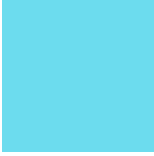
This preview shows how white text looks on a background with the Hex color 3FEA6B.

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
6CDCEE

Trichromacy



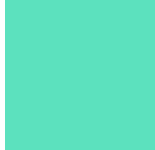
Original Color
3FEA6B



Protanomaly
A6D665



Deuteranomaly
B4D172



Tritanomaly
5CE1BE

Monochromacy



Original Color
3FEA6B



Achromatopsia
A8A8A8



Achromatomaly
82C092

CSS Examples

Text

The CSS property to change the color of the text to Hex 3FEA6B 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 #3FEA6B looks like.

```
.text, #text, p{  
    color:#3FEA6B  
}
```

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 #3FEA6B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3FEA6B
}
```

Border

The CSS property to change the border of an element to Hex 3FEA6B 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
#3FEA6B }
```

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

```
.border{ border-color:#3FEA6B }
```

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

Here you see how a box with a 4 pixel #3FEA6B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3FEA6B; -webkit-box-shadow:4px 4px  
4px 4px #3FEA6B; box-shadow:4px 4px 4px  
4px #3FEA6B }
```

Background

The CSS property to change the background color of an element to Hex 3FEA6B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3FEA6B }
```

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

```
.background{ background-color:#3FEA6B }
```

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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