

Converting Colors

Hex(6FE342)

Have a look what the booklet for
Hex(6FE342) contains.

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Color

Hex(6FE342)

Conversions

Conversions Part 1

Format	Color
Hex	6FE342
RGB	111, 227, 66
RGB Percent	44%, 89%, 26%
CMY	0.5647, 0.1098, 0.7412
CMYK	0.51, 0.00, 0.71, 0.11
HSL	103°, 74%, 57%
HSV	103°, 71%, 89%
XYZ	35.0080, 58.7110, 14.6415
YIQ	173.9620, -17.4550, -74.6630

Conversions

Conversions Part 2

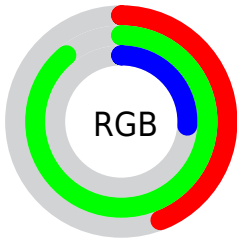
Format	Color
RYB	66, 227, 182
Decimal	7332674
CIELab	81.13, -60.26, 65.01
CIELCh	81, 88.643, 132.833
Yxy	58.7110, 0.3231, 0.5418
Android (android.graphics.Color)	4285522754 (0xFF6FE342)
YUV	173.9620, -53.2253, -55.2177
Hunter-Lab	76.6231, -52.5364, 42.3068

Details

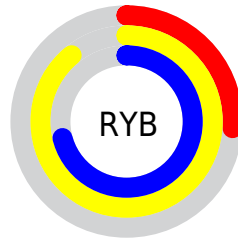
The Hex color **6FE342** is a dark color, and the websafe version is hex **66CC33**. The color can be described as middle muted chartreuse. A complement of this color would be **B642E3**, and the grayscale version is **AEAFAE**.

A 20% lighter version of the original color is **ABFF7B**, and **2BAB00** is the 20% darker color. If you saturate the color by 10%, you get **5FE32B**, and if you desaturate by 10%, it is **7FE359**.

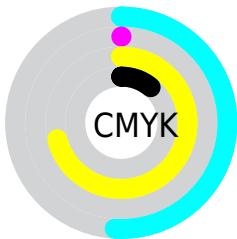
Distribution



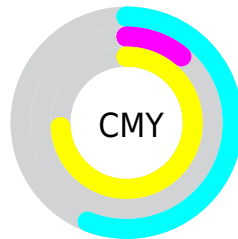
- Red (44%)
- Green (89%)
- Blue (26%)



- Red (26%)
- Yellow (89%)
- Blue (71%)



- Cyan (51%)
- Magenta (0%)
- Yellow (71%)
- Black (11%)



- Cyan (56%)
- Magenta (11%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6FE342 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 6FE342 by changing the saturation by 10% instead.

 6FE342

 6FE342

FFFFFF

 4FC622

 ABFF7B

 2BAB00

 C9FF97

 008F00

 E8FFB3

 007500

 FFFF00

 005B00

 FFFF00

 004200

 002B00

 000800

 000000

 6FE342

 6FE342

 5FE32B

 7FE359

 4EE315

 90E36F

 3FE300

 A0E386

 B0E39D

 C1E3B3

 D1E3CA

 E1E3E1

 F2E3F8

 FFE3FF

Harmonies

Analogous

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



CFD100



6FE342



00EC95

Triad

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



6FE342



00E0FF



FF73A9

Complementary

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



6FE342



B642E3

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.



FF7CFD



6FE342



47C7FF

Square

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



6FE342



00ECFF



FAA2FF



FF8F5B

Rectangle

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



6FE342



00EFCF



FAA2FF



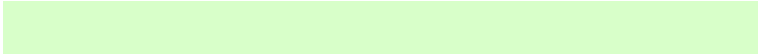
FF71C5

Sweetspot

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



6FE342



D8FFC9



E3B542



698060



000000



808080

Same Dimension

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



6FE342



63FF26



42E365



6A7367



32B300



0E3300

Inverse Universe

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



B642E3



C226FF



E342C0



706773



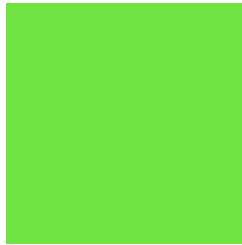
8100B3



250033

Previews

White Background



This preview shows how the Hex color 6FE342 looks on a white background.

Color Contrast Check

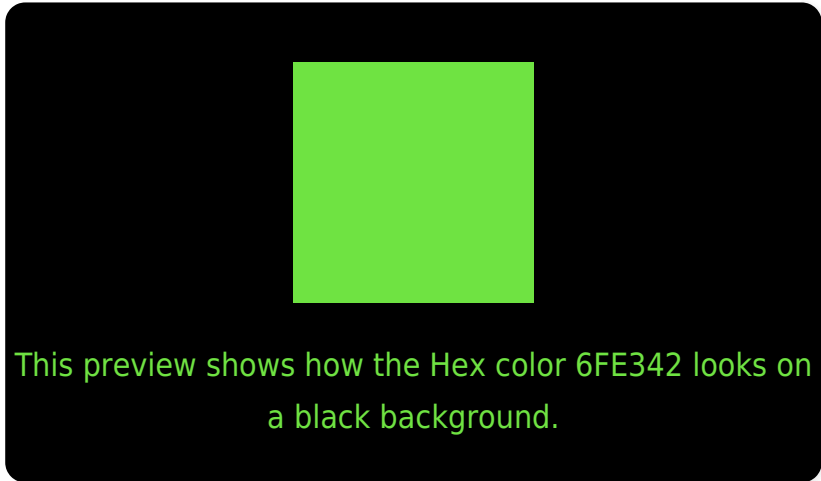
Large Text (above 18pt) WCAG AA × Fail

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 6FE342 Background



This preview shows how black text looks on a background with the Hex color 6FE342.

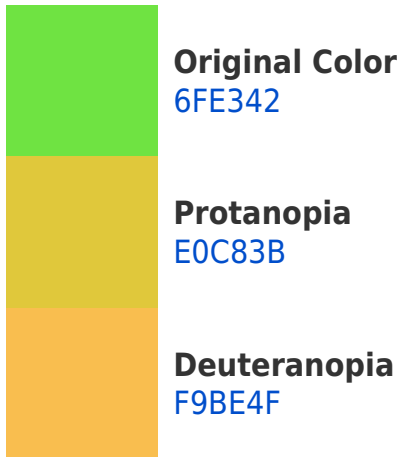


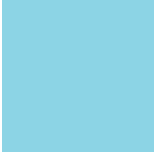
This preview shows how white text looks on a background with the Hex color 6FE342.

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
8CD4E5

Trichromacy



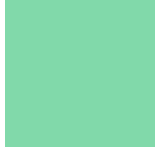
Original Color
6FE342



Protanomaly
B7D23E



Deuteranomaly
C7CB4A



Tritanomaly
81D9AA

Monochromacy



Original Color
6FE342



Achromatopsia
AEAEAE



Achromatomaly
97C187

CSS Examples

Text

The CSS property to change the color of the text to Hex 6FE342 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 #6FE342 looks like.

```
.text, #text, p{  
    color:#6FE342  
}
```

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 #6FE342 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6FE342
}
```

Border

The CSS property to change the border of an element to Hex 6FE342 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
#6FE342 }
```

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

```
.border{ border-color:#6FE342 }
```

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

Here you see how a box with a 4 pixel #6FE342 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6FE342; -webkit-box-shadow:4px 4px  
4px 4px #6FE342; box-shadow:4px 4px 4px  
4px #6FE342 }
```

Background

The CSS property to change the background color of an element to Hex 6FE342 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6FE342 }
```

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

```
.background{ background-color:#6FE342 }
```

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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