

Converting Colors

Hex(6BE85A)

Have a look what the booklet for
Hex(6BE85A) contains.

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Color

Hex(6BE85A)

Conversions

Conversions Part 1

Format	Color
Hex	6BE85A
RGB	107, 232, 90
RGB Percent	42%, 91%, 35%
CMY	0.5804, 0.0902, 0.6471
CMYK	0.54, 0.00, 0.61, 0.09
HSL	113°, 76%, 63%
HSV	113°, 61%, 91%
XYZ	36.7655, 61.5772, 19.6207
YIQ	178.4370, -28.9180, -70.6620

Conversions

Conversions Part 2

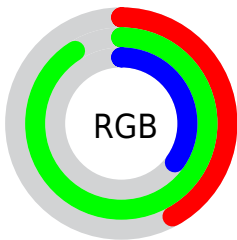
Format	Color
RYB	90, 232, 215
Decimal	7071834
CIELab	82.69, -61.07, 57.19
CIELCh	83, 83.665, 136.881
Yxy	61.5772, 0.3117, 0.5220
Android (android.graphics.Color)	4285261914 (0xFF6BE85A)
YUV	178.4370, -43.5994, -62.6502
Hunter-Lab	78.4711, -53.6933, 40.1051

Details

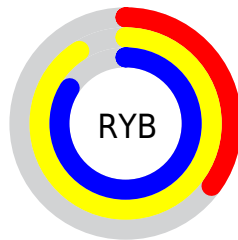
The Hex color **6BE85A** is a dark color, and the websafe version is hex **66FF66**. The color can be described as middle muted chartreuse. A complement of this color would be **D75AE8**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **A8FF91**, and **24AF21** is the 20% darker color. If you saturate the color by 10%, you get **57E843**, and if you desaturate by 10%, it is **7FE871**.

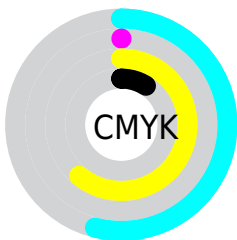
Distribution



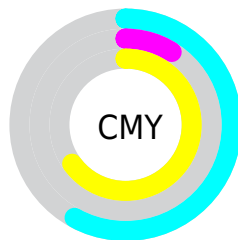
- Red (42%)
- Green (91%)
- Blue (35%)



- Red (35%)
- Yellow (91%)
- Blue (84%)



- Cyan (54%)
- Magenta (0%)
- Yellow (61%)
- Black (9%)



- Cyan (58%)
- Magenta (9%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6BE85A 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 6BE85A by changing the saturation by 10% instead.

 6BE85A

 6BE85A

FFFFFF

 4BCB3F

 A8FF91

 24AF21

 C6FFAC

 009400

 E4FFC9

 007900

 FFFFE6

 005F00

 004600

 002F00

 001100

 000000

 6BE85A

 6BE85A

 57E843

 7FE871

 42E82C

 94E888

 2EE814

 A8E8A0

 1CE800

 BDE8B7

 D1E8CE

 E6E8E5

 FAE8FC

 FFE8FF

Harmonies

Analogous

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



CAD814



6BE85A



00F0A7

Triad

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



6BE85A



00E1FF



FF81A5

Complementary

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



6BE85A



D75AE8

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.



FF85F4



6BE85A



84C7FF

Square

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



6BE85A



00EEFF



FFA4FF



FF9C5D

Rectangle

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



6BE85A



00F3DE



FFA4FF



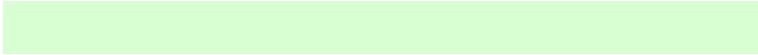
FF7EBF

Sweetspot

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



6BE85A



D7FFD1



E8D55A



678063



000000



808080

Same Dimension

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



6BE85A



5BFF45



5AE88E



697367



15B300



063300

Inverse Universe

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



D75AE8



E945FF



E85AB4



716773



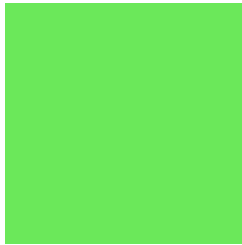
9D00B3



2D0033

Previews

White Background



This preview shows how the Hex color 6BE85A 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 6BE85A looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

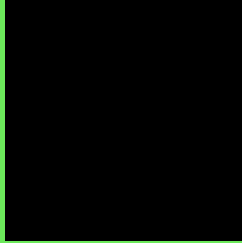
Any Text WCAG AA ✓ Pass

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 6BE85A Background



This preview shows how black text looks on a background with the Hex color 6BE85A.

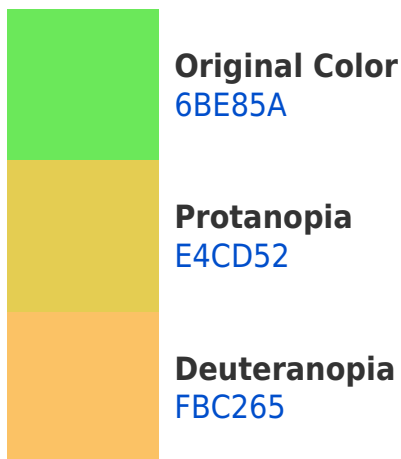


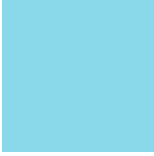
This preview shows how white text looks on a background with the Hex color 6BE85A.

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
89D9EB

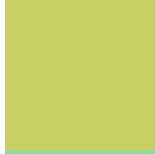
Trichromacy



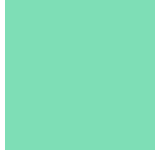
Original Color
6BE85A



Protanomaly
B8D755



Deuteranomaly
C7D061

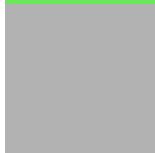


Tritanomaly
7EDEB6

Monochromacy



Original Color
6BE85A



Achromatopsia
B2B2B2



Achromatomaly
98C692

CSS Examples

Text

The CSS property to change the color of the text to Hex 6BE85A 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 #6BE85A looks like.

```
.text, #text, p{  
    color:#6BE85A  
}
```

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 #6BE85A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6BE85A
}
```

Border

The CSS property to change the border of an element to Hex 6BE85A 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
#6BE85A }
```

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

```
.border{ border-color:#6BE85A }
```

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

Here you see how a box with a 4 pixel #6BE85A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6BE85A; -webkit-box-shadow:4px 4px  
4px 4px #6BE85A; box-shadow:4px 4px 4px  
4px #6BE85A }
```

Background

The CSS property to change the background color of an element to Hex 6BE85A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6BE85A }
```

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

```
.background{ background-color:#6BE85A }
```

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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