

Converting Colors

Hex(6BE956)

Have a look what the booklet for
Hex(6BE956) contains.

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Color

Hex(6BE956)

Conversions

Conversions Part 1

Format	Color
Hex	6BE956
RGB	107, 233, 86
RGB Percent	42%, 91%, 34%
CMY	0.5804, 0.0863, 0.6627
CMYK	0.54, 0.00, 0.63, 0.09
HSL	111°, 77%, 63%
HSV	111°, 63%, 91%
XYZ	36.8820, 62.0755, 18.8420
YIQ	178.5680, -27.9090, -72.4290

Conversions

Conversions Part 2

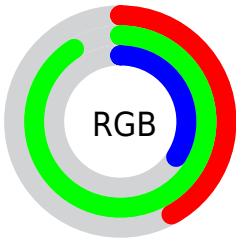
Format	Color
RYB	86, 233, 212
Decimal	7072086
CIELab	82.95, -61.83, 59.16
CIELCh	83, 85.572, 136.265
Yxy	62.0755, 0.3131, 0.5270
Android (android.graphics.Color)	4285262166 (0xFF6BE956)
YUV	178.5680, -45.6360, -62.7651
Hunter-Lab	78.7880, -54.3201, 40.9725

Details

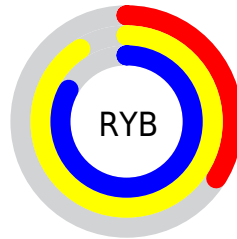
The Hex color **6BE956** is a dark color, and the websafe version is hex **66FF66**. The color can be described as middle muted chartreuse. A complement of this color would be **D456E9**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **A8FF8D**, and **23B01A** is the 20% darker color. If you saturate the color by 10%, you get **57E93F**, and if you desaturate by 10%, it is **7FE96D**.

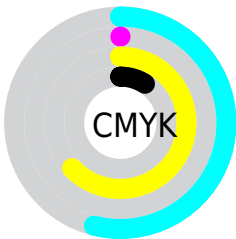
Distribution



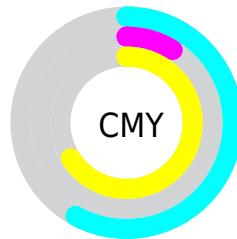
- Red (42%)
- Green (91%)
- Blue (34%)



- Red (34%)
- Yellow (91%)
- Blue (83%)



- Cyan (54%)
- Magenta (0%)
- Yellow (63%)
- Black (9%)



- Cyan (58%)
- Magenta (9%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6BE956 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 6BE956 by changing the saturation by 10% instead.

 6BE956

 6BE956


FFFFFF

 4BCC3A

 A8FF8D

 23B01A

 C6FFA9

 009500

 E4FFC5

 007A00

 FFFFE2

 006000

 004700

 003000

 001200

 000000

 6BE956

 6BE956

 57E93F

 7FE96D

 43E927

 93E985

 2FE910

 A7E99C

 21E900

 BBE9B3

 CFE9CB

 E3E9E2

 F7E9F9

 FFE9FF

Harmonies

Analogous

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



CCD802



6BE956



00F2A6

Triad

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



6BE956



00E2FF



FF7FA6

Complementary

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



6BE956



D456E9

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.



FF83F7



6BE956



7CC9FF

Square

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



6BE956



00F0FF



FFA5FF



FF9B5C

Rectangle

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



6BE956



00F4DE



FFA5FF



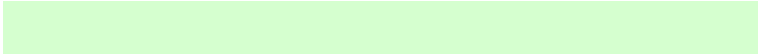
FF7CC1

Sweetspot

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



6BE956



D5FFCF



E9D356



668062



000000



808080

Same Dimension

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



6BE956



59FF3D



56E989



6B756A



1AB500



083600

Inverse Universe

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



D456E9



E33DFF



E956B6



746A75



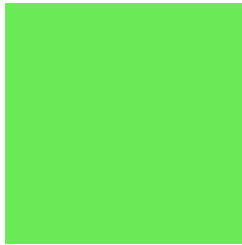
9B00B5



2E0036

Previews

White Background



This preview shows how the Hex color 6BE956 looks on a white background.

Color Contrast Check

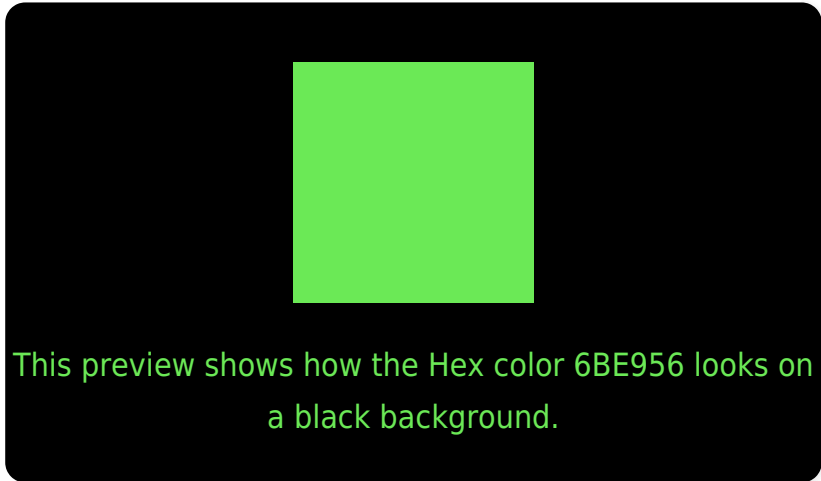
Large Text (above 18pt) WCAG AA × Fail

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

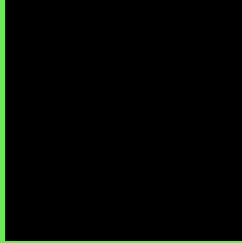
Any Text WCAG AA ✓ Pass

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 6BE956 Background



This preview shows how black text looks on a background with the Hex color 6BE956.

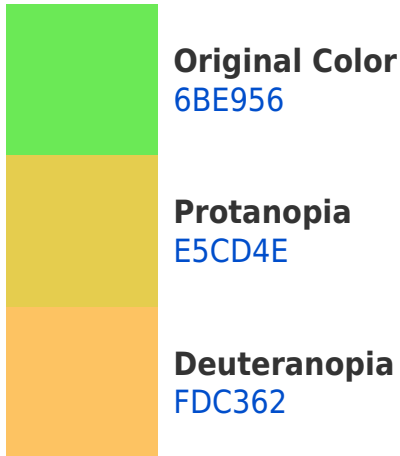


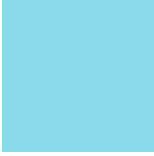
This preview shows how white text looks on a background with the Hex color 6BE956.

Color Blindness Simulation

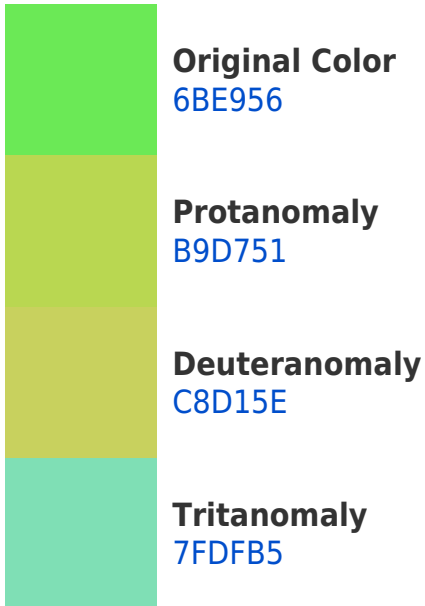
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

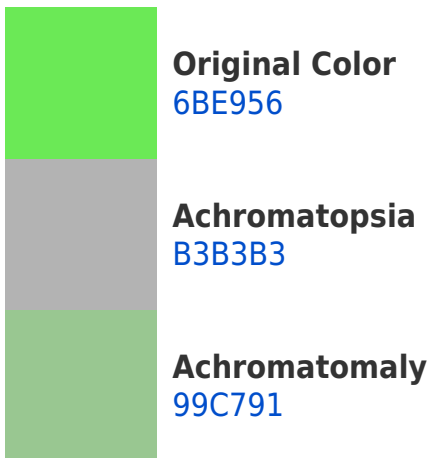




Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6BE956 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 #6BE956 looks like.

```
.text, #text, p{  
    color:#6BE956  
}
```

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 #6BE956 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6BE956
}
```

Border

The CSS property to change the border of an element to Hex 6BE956 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
#6BE956 }
```

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

```
.border{ border-color:#6BE956 }
```

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

Here you see how a box with a 4 pixel #6BE956 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6BE956; -webkit-box-shadow:4px 4px  
4px 4px #6BE956; box-shadow:4px 4px 4px  
4px #6BE956 }
```

Background

The CSS property to change the background color of an element to Hex 6BE956 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6BE956 }
```

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

```
.background{ background-color:#6BE956 }
```

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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