

Converting Colors

Hex(6BC943)

Have a look what the booklet for
Hex(6BC943) contains.

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Color

Hex(6BC943)

Conversions

Conversions Part 1

Format	Color
Hex	6BC943
RGB	107, 201, 67
RGB Percent	42%, 79%, 26%
CMY	0.5804, 0.2118, 0.7373
CMYK	0.47, 0.00, 0.67, 0.21
HSL	102°, 55%, 53%
HSV	102°, 67%, 79%
XYZ	27.9632, 45.3043, 12.5810
YIQ	157.6180, -13.0100, -61.6020

Conversions

Conversions Part 2

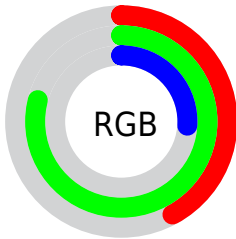
Format	Color
RYB	67, 201, 161
Decimal	7063875
CIELab	73.09, -51.47, 56.19
CIELCh	73, 76.203, 132.488
Yxy	45.3043, 0.3257, 0.5277
Android (android.graphics.Color)	4285253955 (0xFF6BC943)
YUV	157.6180, -44.6747, -44.3920
Hunter-Lab	67.3085, -43.6324, 36.0337

Details

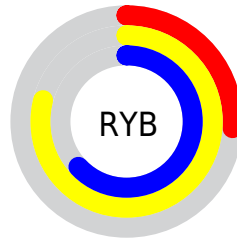
The Hex color **6BC943** is a dark color, and the websafe version is hex **66CC33**. The color can be described as dark muted chartreuse. A complement of this color would be **A143C9**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **A5FF79**, and **2D9200** is the 20% darker color. If you saturate the color by 10%, you get **5DC92F**, and if you desaturate by 10%, it is **79C957**.

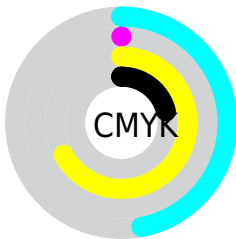
Distribution



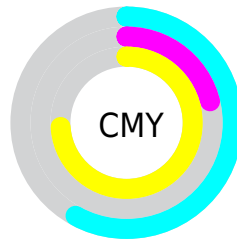
- Red (42%)
- Green (79%)
- Blue (26%)



- Red (26%)
- Yellow (79%)
- Blue (63%)



- Cyan (47%)
- Magenta (0%)
- Yellow (67%)
- Black (21%)



- Cyan (58%)
- Magenta (21%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6BC943 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 6BC943 by changing the saturation by 10% instead.

 6BC943

 6BC943

FFFFFF

 4EAD26

 A5FF79

 2D9200

 C2FF94

 007800

 DFFF80

 005E00

 FDFE80

 004500

 FFFFEA

 002F00

 001300

 000000

 6BC943

 6BC943

 5DC92F

 79C957

 4FC91B

 87C96B

 41C907

 95C97F

 3CC900

 A3C993

 B2C9A8

 C0C9BC

 CEC9D0

 DCC9E4

 EAC9F8

Harmonies

Analogous

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



BAB900



6BC943



00D187

Triad

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



6BC943



00C7FF



FF6E99

Complementary

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



6BC943



A143C9

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.



FF75DF



6BC943



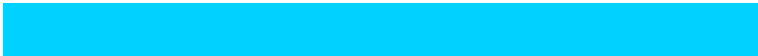
51B2FF

Square

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



6BC943



00D1FF



DB93FF



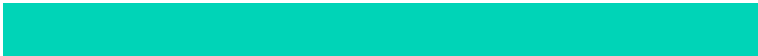
FF8358

Rectangle

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



6BC943



00D4B7



DB93FF



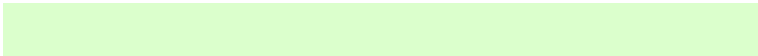
FF6CB1

Sweetspot

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



6BC943



DBFFCC



C9A143



6A8061



000000



808080

Same Dimension

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



6BC943



70FF33



43C95E



5C635A



31A300



0B2400

Inverse Universe

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



A143C9



C233FF



C943AE



605A63



7200A3



190024

Previews

White Background



This preview shows how the Hex color 6BC943 looks on a white background.

Color Contrast Check

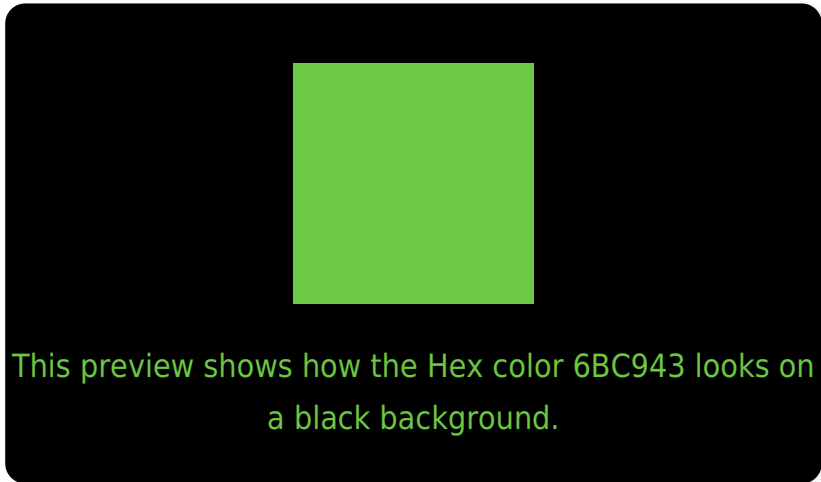
Large Text (above 18pt) WCAG AA × Fail

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

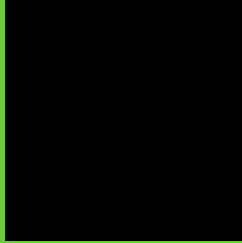
Any Text WCAG AA ✓ Pass

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 6BC943 Background



This preview shows how black text looks on a background with the Hex color 6BC943.

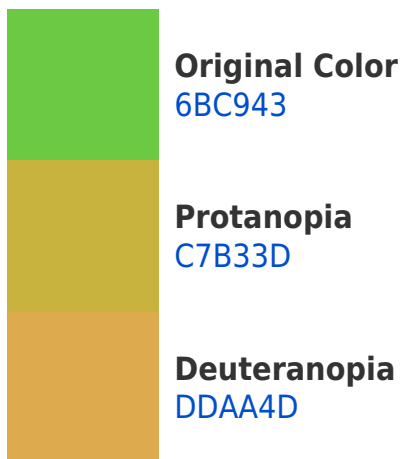


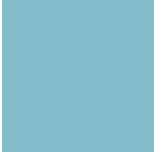
This preview shows how white text looks on a background with the Hex color 6BC943.

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
83BCCB

Trichromacy



Original Color
6BC943



Protanomaly
A6BB3F



Deuteranomaly
B4B549



Tritanomaly
7AC19A

Monochromacy



Original Color
6BC943



Achromatopsia
9E9E9E



Achromatomaly
8BAE7D

CSS Examples

Text

The CSS property to change the color of the text to Hex 6BC943 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 #6BC943 looks like.

```
.text, #text, p{  
    color:#6BC943  
}
```

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 #6BC943 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6BC943
}
```

Border

The CSS property to change the border of an element to Hex 6BC943 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
#6BC943 }
```

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

```
.border{ border-color:#6BC943 }
```

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

Here you see how a box with a 4 pixel #6BC943 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6BC943; -webkit-box-shadow:4px 4px  
4px 4px #6BC943; box-shadow:4px 4px 4px  
4px #6BC943 }
```

Background

The CSS property to change the background color of an element to Hex 6BC943 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6BC943 }
```

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

```
.background{ background-color:#6BC943 }
```

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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