

Converting Colors

Hex(6AC23B)

Have a look what the booklet for
Hex(6AC23B) contains.

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Color

Hex(6AC23B)

Conversions

Conversions Part 1

Format	Color
Hex	6AC23B
RGB	106, 194, 59
RGB Percent	42%, 76%, 23%
CMY	0.5843, 0.2392, 0.7686
CMYK	0.45, 0.00, 0.70, 0.24
HSL	99°, 53%, 50%
HSV	99°, 70%, 76%
XYZ	26.0251, 41.9635, 10.8658
YIQ	152.2980, -9.1130, -60.6410

Conversions

Conversions Part 2

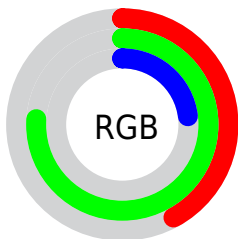
Format	Color
RYB	59, 194, 147
Decimal	6996539
CIELab	70.85, -49.66, 56.97
CIElCh	71, 75.570, 131.078
Yxy	41.9635, 0.3300, 0.5322
Android (android.graphics.Color)	4285186619 (0xFF6AC23B)
YUV	152.2980, -45.9959, -40.6033
Hunter-Lab	64.7792, -41.6513, 35.4004

Details

The Hex color **6AC23B** 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 **933BC2**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **A3FB71**, and **2D8B00** is the 20% darker color. If you saturate the color by 10%, you get **5DC228**, and if you desaturate by 10%, it is **77C24E**.

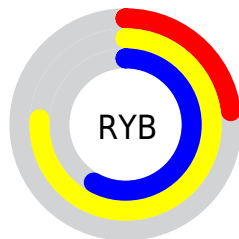
Distribution



Red (42%)

Green (76%)

Blue (23%)



Red (23%)

Yellow (76%)

Blue (58%)

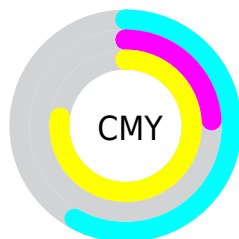


Cyan (45%)

Magenta (0%)

Yellow (70%)

Black (24%)



Cyan (58%)

Magenta (24%)

Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6AC23B 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 6AC23B by changing the saturation by 10% instead.

 6AC23B

 6AC23B

FFFFFF

 4DA61D

 A3FB71

 2D8B00

 C0FF8D

 007100

 DEFFA8

 005800

 FCFFC5

 004000

 FFFFE2

 002A00

 000600

 000000

 6AC23B

 6AC23B

 5DC228

 77C24E

 51C214

 83C262

 44C201

 90C275

 44C200

 9DC289

 A9C29C

 B6C2AF

 C3C2C3

 CFC2D6

 DCC2EA

Harmonies

Analogous

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



B7B200



6AC23B



00CA7E

Triad

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



6AC23B



00C1FF



FF6797

Complementary

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



6AC23B



933BC2

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.



FF71DC



6AC23B



3AADFF

Square

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



6AC23B



00CBFF



D08FFF



FF7C56

Rectangle

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



6AC23B



00CDAE



D08FFF



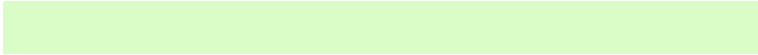
FF67AE

Sweetspot

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



6AC23B



DAFCC7



C2933B



6B8060



000000



808080

Same Dimension

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



6AC23B



72FC28



3BC24F



5B6157



38A100



0C2100

Inverse Universe

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



933BC2



B328FC



C23BAE



5E5761



6900A1



160021

Previews

White Background



This preview shows how the Hex color 6AC23B looks on a white background.

Color Contrast Check

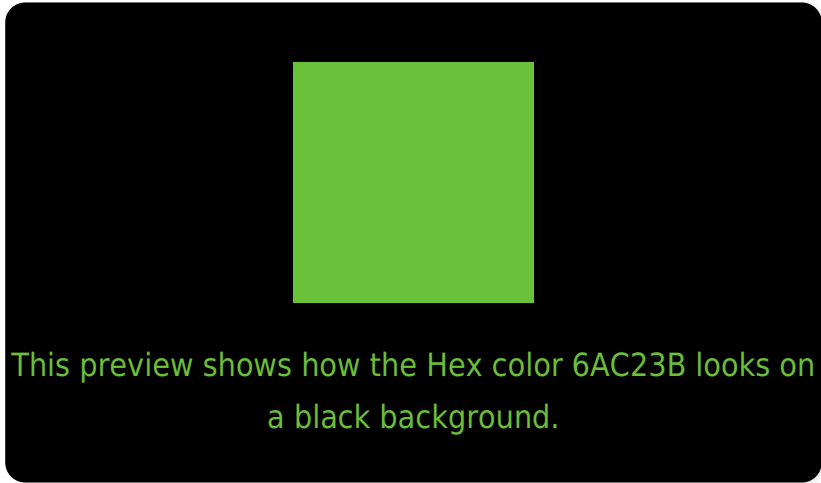
Large Text (above 18pt) WCAG AA × Fail

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 6AC23B Background



This preview shows how black text looks on a background with the Hex color 6AC23B.

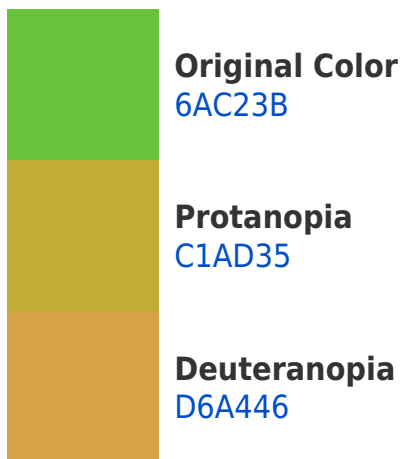


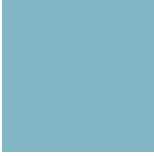
This preview shows how white text looks on a background with the Hex color 6AC23B.

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](#).

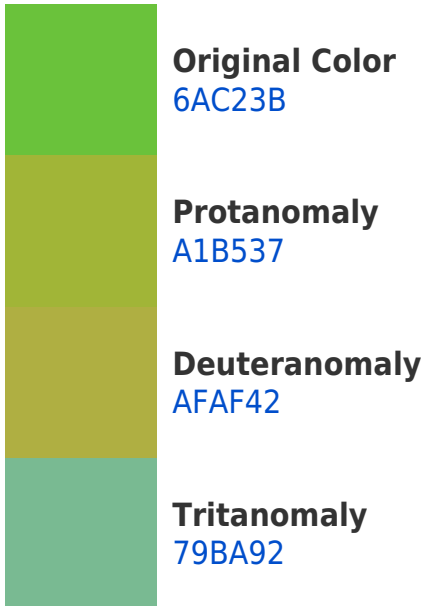
Dichromacy



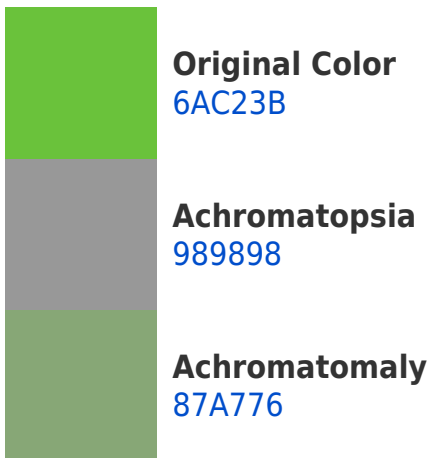


Tritanopia
81B5C4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6AC23B 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 #6AC23B looks like.

```
.text, #text, p{  
    color:#6AC23B  
}
```

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 #6AC23B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6AC23B
}
```

Border

The CSS property to change the border of an element to Hex 6AC23B 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
#6AC23B }
```

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

```
.border{ border-color:#6AC23B }
```

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

Here you see how a box with a 4 pixel #6AC23B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6AC23B; -webkit-box-shadow:4px 4px  
4px 4px #6AC23B; box-shadow:4px 4px 4px  
4px #6AC23B }
```

Background

The CSS property to change the background color of an element to Hex 6AC23B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6AC23B }
```

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

```
.background{ background-color:#6AC23B }
```

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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