

Converting Colors

Hex(6CB339)

Have a look what the booklet for
Hex(6CB339) contains.

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Color

Hex(6CB339)

Conversions

Conversions Part 1

Format	Color
Hex	6CB339
RGB	108, 179, 57
RGB Percent	42%, 70%, 22%
CMY	0.5765, 0.2980, 0.7765
CMYK	0.40, 0.00, 0.68, 0.30
HSL	95°, 52%, 46%
HSV	95°, 68%, 70%
XYZ	23.0430, 35.7238, 9.5518
YIQ	143.8630, -3.1540, -52.9940

Conversions

Conversions Part 2

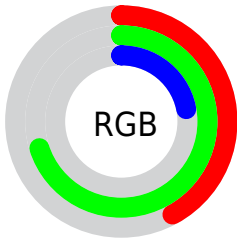
Format	Color
RYB	57, 179, 128
Decimal	7123769
CIELab	66.31, -43.01, 53.04
CIELCh	66, 68.288, 129.033
Yxy	35.7238, 0.3373, 0.5229
Android (android.graphics.Color)	4285313849 (0xFF6CB339)
YUV	143.8630, -42.8235, -31.4519
Hunter-Lab	59.7694, -35.7790, 32.3634

Details

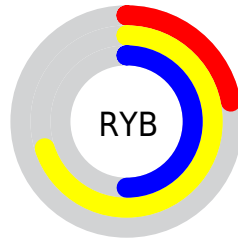
The Hex color **6CB339** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **8039B3**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **A4EB6E**, and **337E00** is the 20% darker color. If you saturate the color by 10%, you get **62B327**, and if you desaturate by 10%, it is **76B34B**.

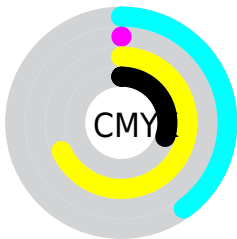
Distribution



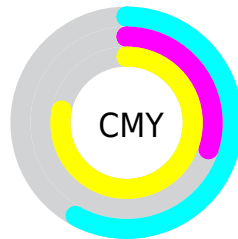
- Red (42%)
- Green (70%)
- Blue (22%)



- Red (22%)
- Yellow (70%)
- Blue (50%)



- Cyan (40%)
- Magenta (0%)
- Yellow (68%)
- Black (30%)



- Cyan (58%)
- Magenta (30%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6CB339 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 6CB339 by changing the saturation by 10% instead.



6CB339



6CB339

FFFFFF



50981C



A4EB6E



337E00



C1FF89



116400



DEFFA5



004B00



FBFFC1



003400



FFFDD



001E00



FFFFA



000000



6CB339



6CB339



62B327



76B34B

 57B315

 81B35D

 4DB303

 8BB36F

 4BB300

 96B381

 A0B393

 ABB3A4

 B5B3B6

 BFB3C8

 CAB3DA

Harmonies

Analogous

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



AFA40C



6CB339



00BB73

Triad

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



6CB339



00B4FF



FF6491

Complementary

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



6CB339



8039B3

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.



F96ECE



6CB339



32A2FF

Square

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



6CB339



00BCED



BB89FF



FF7457

Rectangle

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



6CB339



00BE9D



BB89FF



FF65A6

Sweetspot

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



6CB339



CDE8BA



B37E39



657559



F5F5F5



757575

Same Dimension

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



6CB339



79E82A



39B341



545950



409900



0B1A00

Inverse Universe

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



8039B3



992AE8



B339AB



565059



590099



0F001A

Previews

White Background



This preview shows how the Hex color 6CB339 looks on a white background.

Color Contrast Check

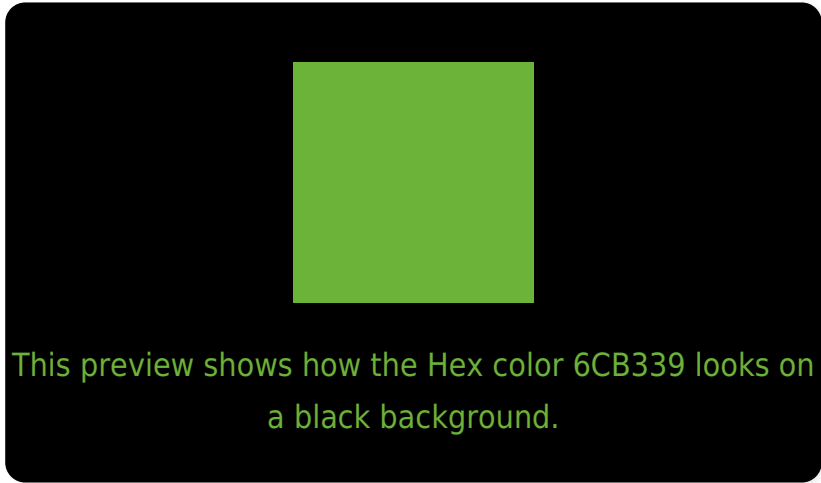
Large Text (above 18pt) WCAG AA × Fail

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 6CB339 Background



This preview shows how black text looks on a background with the Hex color 6CB339.



This preview shows how white text looks on a background with the Hex color 6CB339.

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



Original Color
6CB339

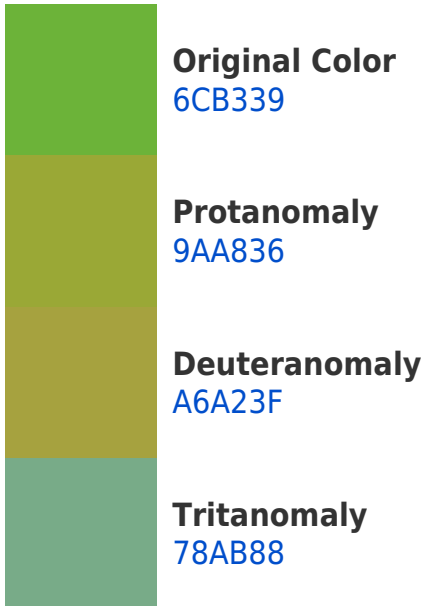
Protanopia
B4A134

Deuteranopia
C79842

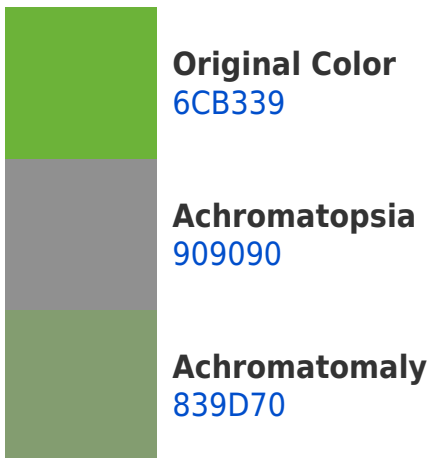


Tritanopia
7FA7B5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6CB339 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 #6CB339 looks like.

```
.text, #text, p{  
    color:#6CB339  
}
```

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 #6CB339 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6CB339
}
```

Border

The CSS property to change the border of an element to Hex 6CB339 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
#6CB339 }
```

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

```
.border{ border-color:#6CB339 }
```

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

Here you see how a box with a 4 pixel #6CB339 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6CB339; -webkit-box-shadow:4px 4px  
4px 4px #6CB339; box-shadow:4px 4px 4px  
4px #6CB339 }
```

Background

The CSS property to change the background color of an element to Hex 6CB339 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6CB339 }
```

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

```
.background{ background-color:#6CB339 }
```

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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