

Converting Colors

Hex(6DA039)

Have a look what the booklet for
Hex(6DA039) contains.

Hex(6DA039)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(6DA039)

Conversions

Conversions Part 1

Format	Color
Hex	6DA039
RGB	109, 160, 57
RGB Percent	43%, 63%, 22%
CMY	0.5725, 0.3725, 0.7765
CMYK	0.32, 0.00, 0.64, 0.37
HSL	90°, 47%, 43%
HSV	90°, 64%, 63%
XYZ	19.6160, 28.6882, 8.3744
YIQ	133.0090, 2.6670, -42.8450

Conversions

Conversions Part 2

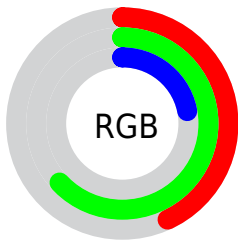
Format	Color
RYB	57, 160, 108
Decimal	7184441
CIELab	60.51, -34.29, 46.85
CIELCh	61, 58.057, 126.196
Yxy	28.6882, 0.3461, 0.5062
Android (android.graphics.Color)	4285374521 (0xFF6DA039)
YUV	133.0090, -37.4724, -21.0559
Hunter-Lab	53.5614, -28.3597, 28.2229

Details

The Hex color **6DA039** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **6C39A0**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **A4D76D**, and **386C00** is the 20% darker color. If you saturate the color by 10%, you get **65A029**, and if you desaturate by 10%, it is **75A049**.

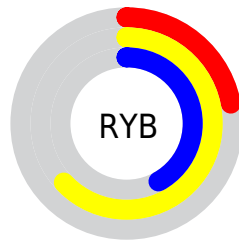
Distribution



Red (43%)

Green (63%)

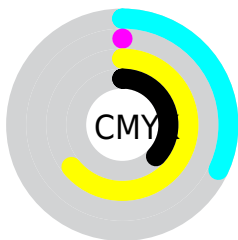
Blue (22%)



Red (22%)

Yellow (63%)

Blue (42%)

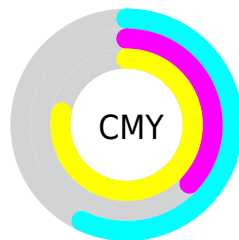


Cyan (32%)

Magenta (0%)

Yellow (64%)

Black (37%)



Cyan (57%)

Magenta (37%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6DA039 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 6DA039 by changing the saturation by 10% instead.



6DA039



6DA039

FFFFFF



52861E



A4D76D



386C00



C0F487



1D5300



DCFFA2



003C00



FAFFBE



002600



FFFFDA



000300



FFFFF7



000000



6DA039



6DA039



65A029



75A049

■ 5DA019

■ 7DA059

■ 55A009

■ 85A069

■ 51A000

■ 8DA079

■ 95A089

■ 9DA099

■ A4A0A9

■ ACA0B9

■ B4A0C9

Harmonies

Analogous

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



A39320



6DA039



00A866

Triad

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



6DA039



00A2EF



EE6189

Complementary

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



6DA039



6C39A0

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.



D86BBC



6DA039



3194F8

Square

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



6DA039



00A9CD



A280E5



E96C58

Rectangle

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



6DA039



00AA89



A280E5



EA629B

Sweetspot

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



6DA039



BDD1A9



A06B39



5D6951



E8E8E8



696969

Same Dimension

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



6DA039



81D130



3BA039



4B4F47



488F00



080F00

Inverse Universe

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



6C39A0



8030D1



9E39A0



4B474F



47008F



08000F

Previews

White Background



This preview shows how the Hex color 6DA039 looks on a white background.

Color Contrast Check

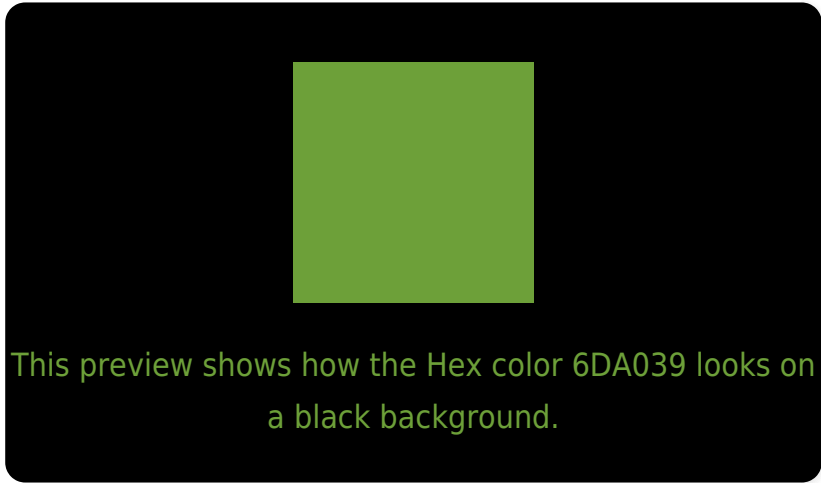
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 6DA039 Background



This preview shows how black text looks on a background with the Hex color 6DA039.



This preview shows how white text looks on a background with the Hex color 6DA039.

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
6DA039

Protanopia
A29235

Deuteranopia
B48A40



Tritanopia
7C96A2

Trichromacy



Original Color
6DA039



Protanomaly
8F9736



Deuteranomaly
9A923D



Tritanomaly
779A7C

Monochromacy



Original Color
6DA039



Achromatopsia
858585



Achromatomaly
7C8F69

CSS Examples

Text

The CSS property to change the color of the text to Hex 6DA039 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 #6DA039 looks like.

```
.text, #text, p{  
    color:#6DA039  
}
```

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 #6DA039 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6DA039
}
```

Border

The CSS property to change the border of an element to Hex 6DA039 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
#6DA039 }
```

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

```
.border{ border-color:#6DA039 }
```

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

Here you see how a box with a 4 pixel #6DA039 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6DA039; -webkit-box-shadow:4px 4px  
4px 4px #6DA039; box-shadow:4px 4px 4px  
4px #6DA039 }
```

Background

The CSS property to change the background color of an element to Hex 6DA039 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6DA039 }
```

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

```
.background{ background-color:#6DA039 }
```

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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