

Converting Colors

Hex(6DC419)

Have a look what the booklet for
Hex(6DC419) contains.

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Color

Hex(6DC419)

Conversions

Conversions Part 1

Format	Color
Hex	6DC419
RGB	109, 196, 25
RGB Percent	43%, 77%, 10%
CMY	0.5725, 0.2314, 0.9020
CMYK	0.44, 0.00, 0.87, 0.23
HSL	91°, 77%, 43%
HSV	91°, 87%, 77%
XYZ	26.2221, 42.8013, 7.7991
YIQ	150.4930, 3.0390, -71.6250

Conversions

Conversions Part 2

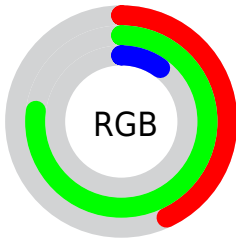
Format	Color
RYB	25, 196, 112
Decimal	7193625
CIELab	71.42, -51.31, 67.66
CIELCh	71, 84.920, 127.175
Yxy	42.8013, 0.3413, 0.5571
Android (android.graphics.Color)	4285383705 (0xFF6DC419)
YUV	150.4930, -61.8680, -36.3894
Hunter-Lab	65.4227, -42.9451, 38.7278

Details

The Hex color **6DC419** is a dark color, and the websafe version is hex **66CC33**. The color can be described as dark washed chartreuse. A complement of this color would be **7019C4**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **A7FD5A**, and **2F8D00** is the 20% darker color. If you saturate the color by 10%, you get **63C405**, and if you desaturate by 10%, it is **77C42D**.

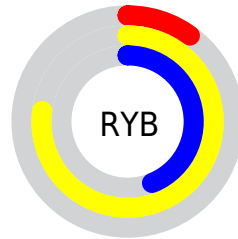
Distribution



Red (43%)

Green (77%)

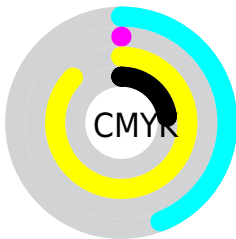
Blue (10%)



Red (10%)

Yellow (77%)

Blue (44%)

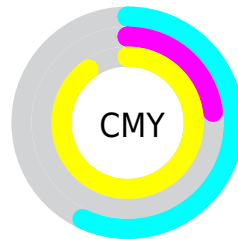


Cyan (44%)

Magenta (0%)

Yellow (87%)

Black (23%)



Cyan (57%)

Magenta (23%)

Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6DC419 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 6DC419 by changing the saturation by 10% instead.



6DC419



6DC419

FFFFFF



4FA800



A7FD5A



2F8D00



C5FF76



007300



E3FF92



005A00



FFFFAE



004100



FFFFCB



002C00



FFFFE9



000A00



000000



6DC419



6DC419

 63C405

 77C42D

 60C400

 81C440

 8BC454

 95C467

 9FC47B

 A9C48F

 B3C4A2

 BDC4B6

 C7C4C9

Harmonies

Analogous

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



C1B200



6DC419



00CE6F

Triad

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



6DC419



00C7FF



FF57A0

Complementary

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



6DC419



7019C4

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.



FF6AED



6DC419



00B2FF

Square

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



6DC419



00D0FF



C791FF



FF7055

Rectangle

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



6DC419



00D1A5



C791FF



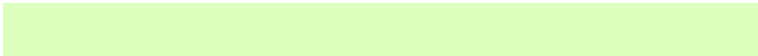
FF59BA

Sweetspot

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



6DC419



DFFBD



C46F19



6B8058



000000



808080

Same Dimension

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



6DC419



7DFF00



19C419



5C6157



4FA100



102100

Inverse Universe

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



7019C4



8200FF



C419C4



5C5761



5200A1



110021

Previews

White Background



This preview shows how the Hex color 6DC419 looks on a white background.

Color Contrast Check

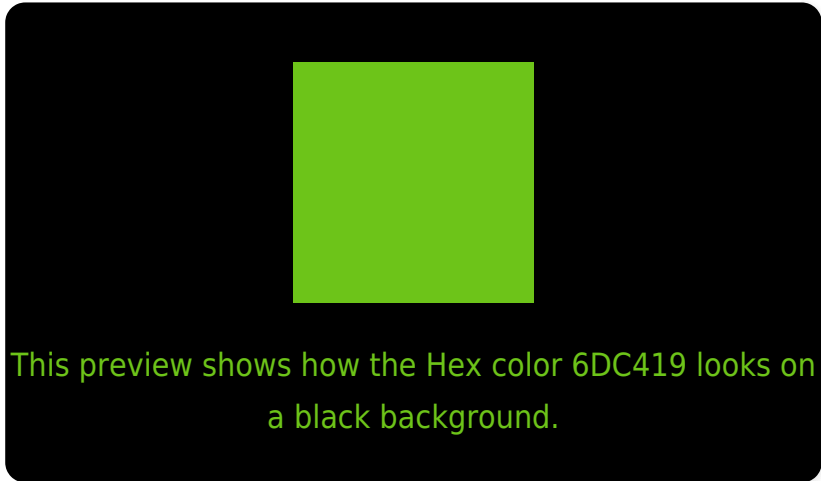
Large Text (above 18pt) WCAG AA × Fail

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 6DC419 Background



This preview shows how black text looks on a background with the Hex color 6DC419.

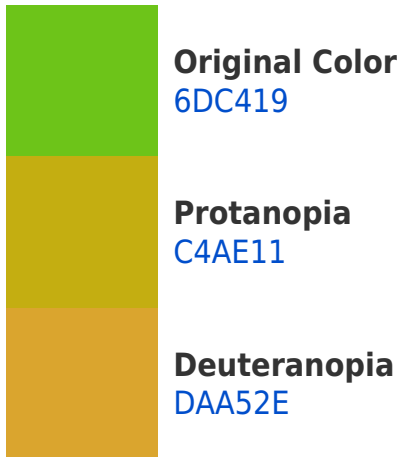


This preview shows how white text looks on a background with the Hex color 6DC419.

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
85B6C5

Trichromacy



Original Color
6DC419



Protanomaly
A4B614



Deuteranomaly
B2B026

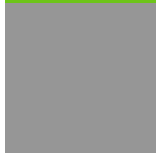


Tritanomaly
7CBB86

Monochromacy



Original Color
6DC419



Achromatopsia
969696



Achromatomaly
87A769

CSS Examples

Text

The CSS property to change the color of the text to Hex 6DC419 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 #6DC419 looks like.

```
.text, #text, p{  
    color:#6DC419  
}
```

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 #6DC419 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6DC419
}
```

Border

The CSS property to change the border of an element to Hex 6DC419 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
#6DC419 }
```

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

```
.border{ border-color:#6DC419 }
```

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

Here you see how a box with a 4 pixel #6DC419 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6DC419; -webkit-box-shadow:4px 4px  
4px 4px #6DC419; box-shadow:4px 4px 4px  
4px #6DC419 }
```

Background

The CSS property to change the background color of an element to Hex 6DC419 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6DC419 }
```

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

```
.background{ background-color:#6DC419 }
```

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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