

# Converting Colors

Hex(6BE619)

Have a look what the booklet for  
Hex(6BE619) contains.

<b>Hex(6BE619)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(6BE619)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6BE619
RGB	107, 230, 25
RGB Percent	42%, 90%, 10%
CMY	0.5804, 0.0980, 0.9020
CMYK	0.53, 0.00, 0.89, 0.10
HSL	96°, 80%, 50%
HSV	96°, 89%, 90%
XYZ	34.5357, 59.7896, 10.6400
YIQ	169.8530, -7.5030, -89.8310

# Conversions

## Conversions Part 2

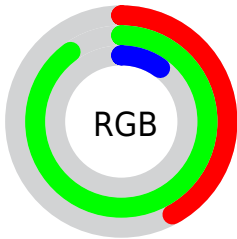
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">25, 230, 148</a>
Decimal	<a href="#">7071257</a>
CIELab	<a href="#">81.72, -64.43, 76.37</a>
CIELCh	<a href="#">82, 99.918, 130.155</a>
Yxy	<a href="#">59.7896, 0.3290, 0.5696</a>
Android (android.graphics.Color)	<a href="#">4285261337 (0xFF6BE619)</a>
YUV	<a href="#">169.8530, -71.4125, -55.1221</a>
Hunter-Lab	<a href="#">77.3237, -55.5918, 45.9681</a>

# Details

The Hex color **6BE619** is a dark color, and the websafe version is hex **99FF33**. The color can be described as dark washed chartreuse. A complement of this color would be **9419E6**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **A9FF5F**, and **1EAD00** is the 20% darker color. If you saturate the color by 10%, you get **5DE602**, and if you desaturate by 10%, it is **79E630**.

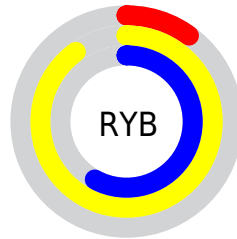
# Distribution



Red (42%)

Green (90%)

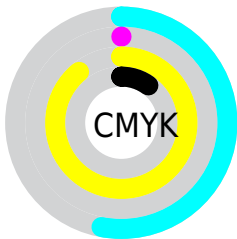
Blue (10%)



Red (10%)

Yellow (90%)

Blue (58%)

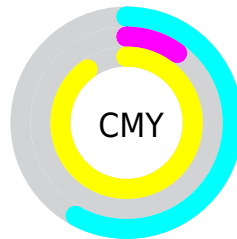


Cyan (53%)

Magenta (0%)

Yellow (89%)

Black (10%)



Cyan (58%)

Magenta (10%)

Yellow (90%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6BE619 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 6BE619 by changing the saturation by 10% instead.



 6BE619

 6BE619

FFFFFF

 49C900

 A9FF5F

 1EAD00

 C8FF7D

 009200

 E7FF9A

 007700

 FFFFB7

 005D00

 FFFFD5

 004400

 FFFFF2

 002C00

 000C00

 000000

 6BE619

 6BE619

 5DE602

 79E630

 5CE600

 87E647

 94E65E

 A2E675

 B0E68C

 BEE6A3

 CCE6BA

 D9E6D1

 E7E6E8

# Harmonies

## Analogous

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



D7D100



6BE619



00F187

# Triad

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



6BE619



00E7FF



FF5CB0

# Complementary

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



6BE619



9419E6

# 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.



FF70FF



6BE619



00CCFF

# Square

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



6BE619



00F2FF



F4A2FF



FF8156

# Rectangle

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



6BE619



00F4C9



F4A2FF



FF5BCF

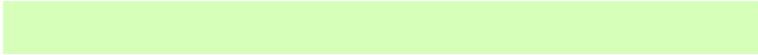


# Sweetspot

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



6BE619



D6FFBA



E69419



678057



000000



808080



# Same Dimension

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



6BE619



66FF00



19E62D



6C7367



47B300



143300



# Inverse Universe

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



9419E6



9900FF



E619D2



6E6773



6B00B3

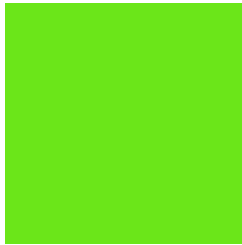


1F0033



# Previews

## White Background



This preview shows how the Hex color 6BE619 looks on a white background.

## Color Contrast Check

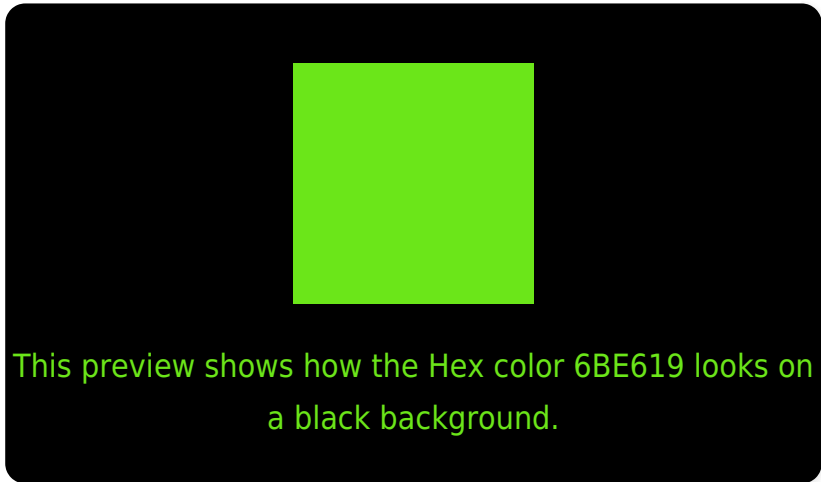
Large Text (above 18pt) WCAG AA × Fail

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

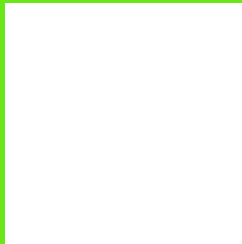
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 6BE619 Background



This preview shows how black text looks on a background with the Hex color 6BE619.

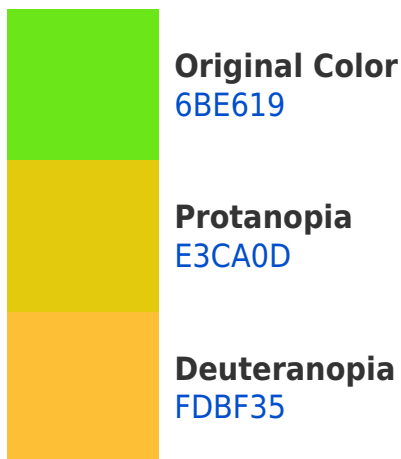


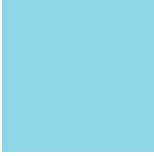
This preview shows how white text looks on a background with the Hex color 6BE619.

# 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](#).

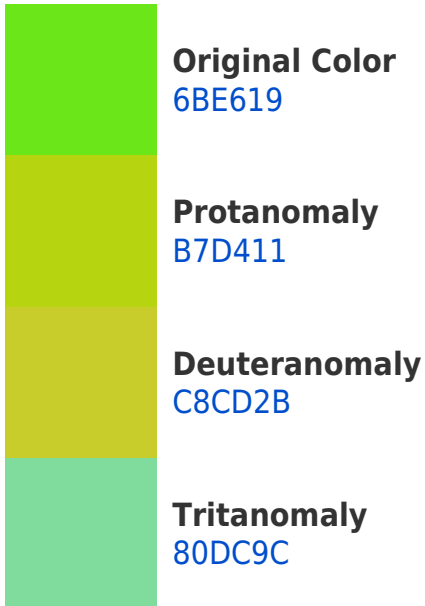
## Dichromacy



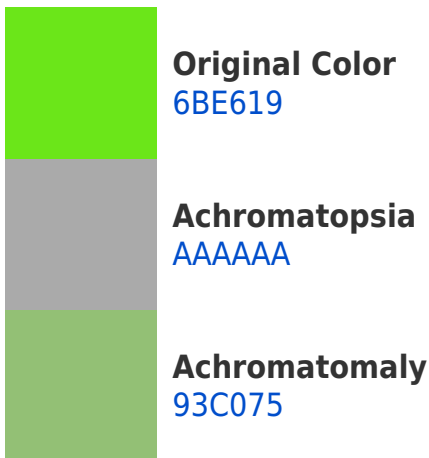


**Tritanopia**  
8CD6E7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6BE619 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 #6BE619 looks like.

```
.text, #text, p{  
    color:#6BE619  
}
```

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 #6BE619 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6BE619
}
```

## Border

The CSS property to change the border of an element to Hex 6BE619 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
#6BE619 }
```

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

```
.border{ border-color:#6BE619 }
```

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

Here you see how a box with a 4 pixel #6BE619 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6BE619; -webkit-box-shadow:4px 4px  
4px 4px #6BE619; box-shadow:4px 4px 4px  
4px #6BE619 }
```

# Background

The CSS property to change the background color of an element to Hex 6BE619 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6BE619 }
```

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

```
.background{ background-color:#6BE619 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor