

# Converting Colors

Hex(6BE90A)

Have a look what the booklet for  
Hex(6BE90A) contains.

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**Color**

**Hex(6BE90A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6BE90A
RGB	107, 233, 10
RGB Percent	42%, 91%, 4%
CMY	0.5804, 0.0863, 0.9608
CMYK	0.54, 0.00, 0.96, 0.09
HSL	94°, 92%, 48%
HSV	94°, 96%, 91%
XYZ	35.2571, 61.4255, 10.2852
YIQ	169.9040, -3.5130, -96.0650

# Conversions

## Conversions Part 2

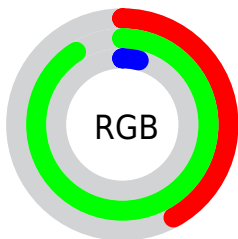
Format	Color
<a href="#">RYB</a>	<a href="#">10, 233, 136</a>
Decimal	<a href="#">7072010</a>
CIELab	<a href="#">82.61, -65.77, 78.93</a>
CIELCh	<a href="#">83, 102.740, 129.806</a>
Yxy	<a href="#">61.4255, 0.3296, 0.5742</a>
Android (android.graphics.Color)	<a href="#">4285262090 (0xFF6BE90A)</a>
YUV	<a href="#">169.9040, -78.8327, -55.1668</a>
Hunter-Lab	<a href="#">78.3744, -56.8562, 47.0814</a>

# Details

The Hex color **6BE90A** is a dark color, and the websafe version is hex **66FF33**. The color can be described as dark washed chartreuse. A complement of this color would be **880AE9**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **AAFF5B**, and **1BB000** is the 20% darker color. If you saturate the color by 10%, you get **65E900**, and if you desaturate by 10%, it is **78E921**.

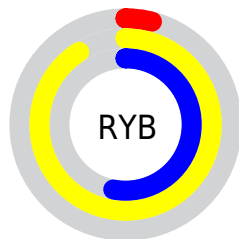
# Distribution



Red (42%)

Green (91%)

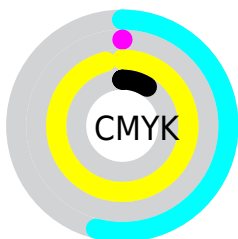
Blue (4%)



Red (4%)

Yellow (91%)

Blue (53%)

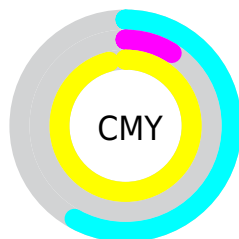


Cyan (54%)

Magenta (0%)

Yellow (96%)

Black (9%)



Cyan (58%)

Magenta (9%)

Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6BE90A 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 6BE90A by changing the saturation by 10% instead.



 6BE90A

 6BE90A


FFFFFF

 49CC00

 AAFF5B

 1BB000

 C9FF79

 009500

 E7FF96

 007A00

 FFFFB3

 006000

 FFFFD1

 004600

 FFFFEE

 002F00

 001100

 000000

 6BE90A

 6BE90A

 65E900

 78E921

 85E939

 92E950

 A0E967

 ADE97E

 BAE996

 C7E9AD

 D4E9C4

 E1E9DC

# Harmonies

## Analogous

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



DAD400



6BE90A



00F486

# Triad

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



6BE90A



00EAFB



FF58B2

# Complementary

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



6BE90A



880AE9

# 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.



FF6EFF



6BE90A



00CFFF

# Square

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



6BE90A



00F6FF



F6A3FF



FF8055

# Rectangle

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



6BE90A



00F7CA



F6A3FF



FF58D3

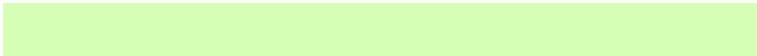


# Sweetspot

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



6BE90A



D5FFB5



E9850A



668053



000000



808080



# Same Dimension

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



6BE90A



6FFF00



0AE915



6F756A



4FB500



173600



# Inverse Universe

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



880AE9



9000FF



E90ADE



706A75



6600B5

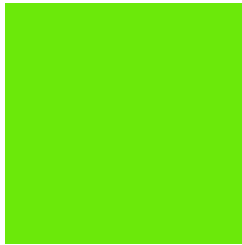


1E0036



# Previews

## White Background



This preview shows how the Hex color 6BE90A 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



This preview shows how the Hex color 6BE90A looks on a 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 6BE90A Background



This preview shows how black text looks on a background with the Hex color 6BE90A.

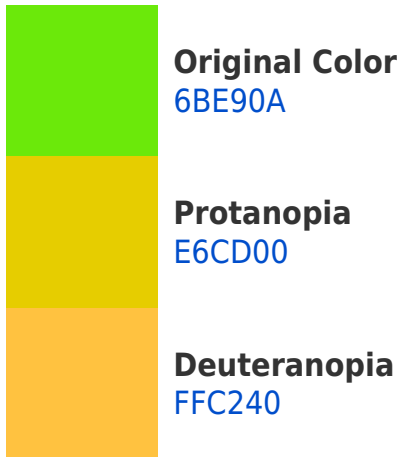


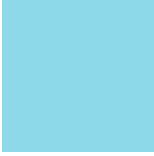
This preview shows how white text looks on a background with the Hex color 6BE90A.

# 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](#).

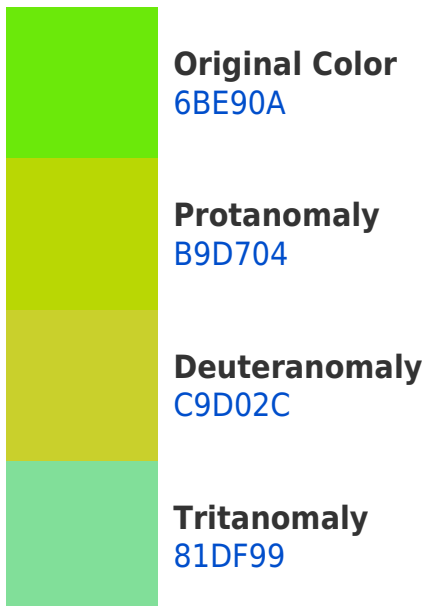
## Dichromacy



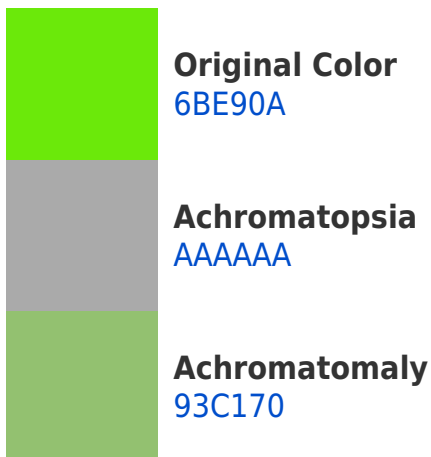


**Tritanopia**  
8DD9EA

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6BE90A 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 #6BE90A looks like.

```
.text, #text, p{  
    color:#6BE90A  
}
```

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 #6BE90A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6BE90A
}
```

## Border

The CSS property to change the border of an element to Hex 6BE90A 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
#6BE90A }
```

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

```
.border{ border-color:#6BE90A }
```

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

Here you see how a box with a 4 pixel #6BE90A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6BE90A; -webkit-box-shadow:4px 4px  
4px 4px #6BE90A; box-shadow:4px 4px 4px  
4px #6BE90A }
```

# Background

The CSS property to change the background color of an element to Hex 6BE90A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6BE90A }
```

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

```
.background{ background-color:#6BE90A }
```

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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