

# Converting Colors

Hex(6EC967)

Have a look what the booklet for  
Hex(6EC967) contains.

<b>Hex(6EC967)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(6EC967)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6EC967
RGB	110, 201, 103
RGB Percent	43%, 79%, 40%
CMY	0.5686, 0.2118, 0.5961
CMYK	0.45, 0.00, 0.49, 0.21
HSL	116°, 48%, 60%
HSV	116°, 49%, 79%
XYZ	29.7652, 46.0676, 20.1551
YIQ	162.6190, -22.7780, -49.7700

# Conversions

## Conversions Part 2

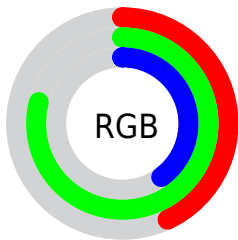
Format	Color
<a href="#">RYB</a>	<a href="#">103, 201, 194</a>
Decimal	<a href="#">7260519</a>
CIELab	<a href="#">73.59, -46.62, 40.48</a>
CIElCh	<a href="#">74, 61.742, 139.030</a>
Yxy	<a href="#">46.0676, 0.3101, 0.4799</a>
Android (android.graphics.Color)	<a href="#">4285450599</a> ( <a href="#">0xFF6EC967</a> )
YUV	<a href="#">162.6190, -29.3922, -46.1469</a>
Hunter-Lab	<a href="#">67.8731, -40.4981, 29.9048</a>

# Details

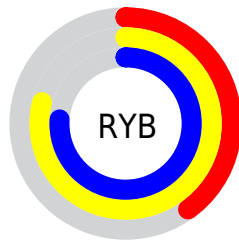
The Hex color **6EC967** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **C267C9**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **A6FF9C**, and **349235** is the 20% darker color. If you saturate the color by 10%, you get **5BC953**, and if you desaturate by 10%, it is **81C97B**.

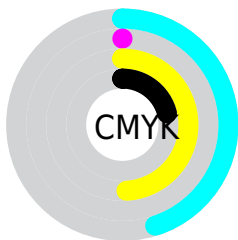
# Distribution



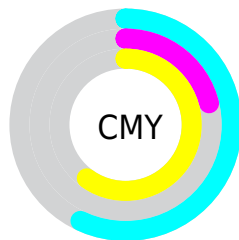
- Red (43%)
- Green (79%)
- Blue (40%)



- Red (40%)
- Yellow (79%)
- Blue (76%)



- Cyan (45%)
- Magenta (0%)
- Yellow (49%)
- Black (21%)



- Cyan (57%)
- Magenta (21%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6EC967 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 6EC967 by changing the saturation by 10% instead.



 6EC967

 6EC967

FFFFFF

 52AD4E

 A6FF9C

 349235

 C3FFB7


 0D781B

 E0FFD3

 005E00

 FEFFF0

 004600

 002F00

 001500

 000000

 6EC967

 6EC967

 5BC953

 81C97B

 49C93F

 93C98F

 36C92B

 A6C9A3

 23C917

 B9C9B7

 11C903

 CBC9CC

 0EC900

 DEC9E0

 F1C9F4

 FFC9FF

# Harmonies

## Analogous

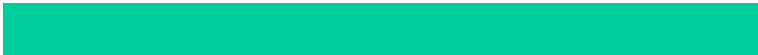
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



B1BD42



6EC967



00CF9D

# Triad

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



6EC967



00C1FF



FF8493

# Complementary

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



6EC967



C267C9

# 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.



FF85CC



6EC967



93AEFF

# Square

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



6EC967



00CCFF



E597FF



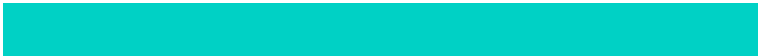
FF9561

# Rectangle

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



6EC967



00D1C5



E597FF



FF82A6

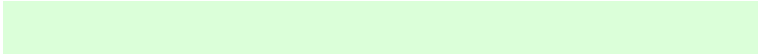


# Sweetspot

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



6EC967



DBFFD9



C9C167



6A8069



000000



808080



# Same Dimension

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



6EC967



73FF69



67C990



5A635A



0CA300



032400



# Inverse Universe

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



C267C9



F469FF



C967A0



635A63



9800A3



210024



# Previews

## White Background



This preview shows how the Hex color 6EC967 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 6EC967 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

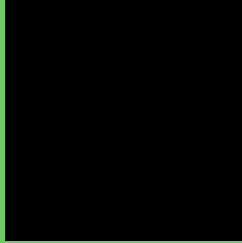
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 6EC967 Background



This preview shows how black text looks on a background with the Hex color 6EC967.

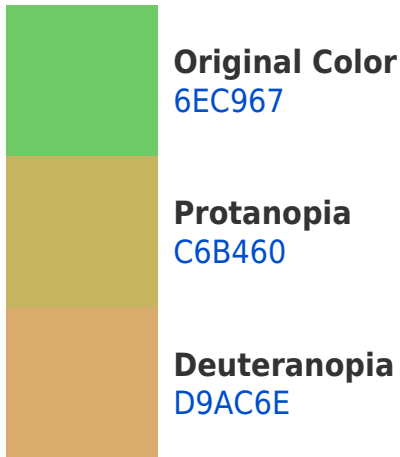


This preview shows how white text looks on a background with the Hex color 6EC967.

# 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](#).

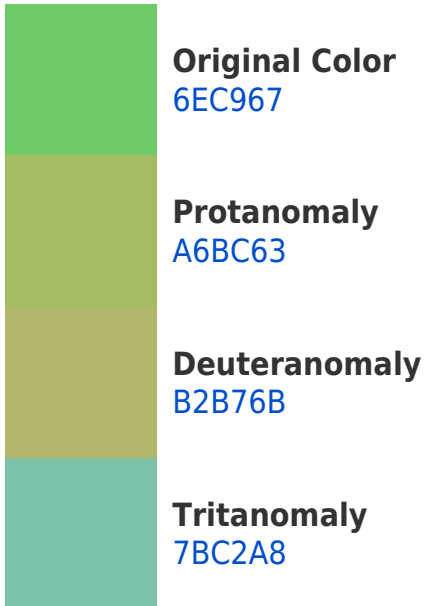
## Dichromacy



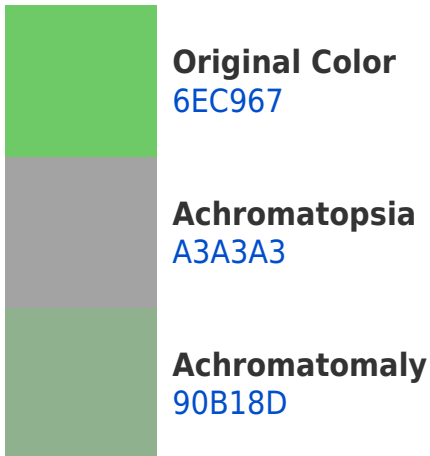


**Tritanopia**  
82BECD

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6EC967 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 #6EC967 looks like.

```
.text, #text, p{  
    color:#6EC967  
}
```

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 #6EC967 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6EC967
}
```

## Border

The CSS property to change the border of an element to Hex 6EC967 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
#6EC967 }
```

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

```
.border{ border-color:#6EC967 }
```

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

Here you see how a box with a 4 pixel #6EC967 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6EC967; -webkit-box-shadow:4px 4px  
4px 4px #6EC967; box-shadow:4px 4px 4px  
4px #6EC967 }
```

# Background

The CSS property to change the background color of an element to Hex 6EC967 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6EC967 }
```

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

```
.background{ background-color:#6EC967 }
```

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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