

# Converting Colors

Hex(6EB367)

Have a look what the booklet for  
Hex(6EB367) contains.

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# **Color**

**Hex(6EB367)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6EB367
RGB	110, 179, 103
RGB Percent	43%, 70%, 40%
CMY	0.5686, 0.2980, 0.5961
CMYK	0.39, 0.00, 0.42, 0.30
HSL	114°, 33%, 55%
HSV	114°, 42%, 70%
XYZ	24.9987, 36.5345, 18.5663
YIQ	149.7050, -16.7280, -38.2640

# Conversions

## Conversions Part 2

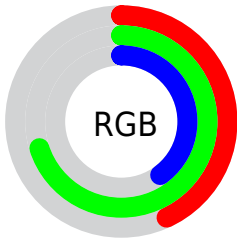
<b>Format</b>	<b>Color</b>
<b>RYB</b>	103, 179, 172
Decimal	7254887
CIELab	66.93, -37.09, 32.07
CIElCh	67, 49.031, 139.148
Yxy	36.5345, 0.3121, 0.4561
Android (android.graphics.Color)	4285444967 (0xFF6EB367)
YUV	149.7050, -23.0256, -34.8213
Hunter-Lab	60.4437, -31.9515, 24.0988

# Details

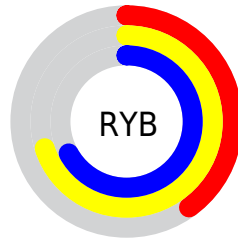
The Hex color **6EB367** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **AC67B3**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **A4EB9B**, and **397E36** is the 20% darker color. If you saturate the color by 10%, you get **5EB355**, and if you desaturate by 10%, it is **7EB379**.

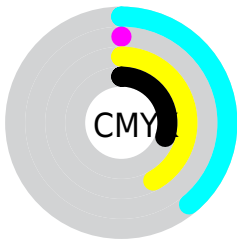
# Distribution



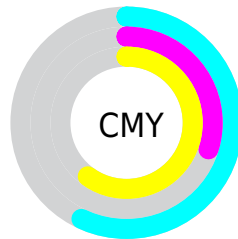
- Red (43%)
- Green (70%)
- Blue (40%)



- Red (40%)
- Yellow (70%)
- Blue (67%)



- Cyan (39%)
- Magenta (0%)
- Yellow (42%)
- Black (30%)



- Cyan (57%)
- Magenta (30%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6EB367 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 6EB367 by changing the saturation by 10% instead.





6EB367



6EB367

FFFFFF



53984E



A4EB9B



397E36



C1FFB6



1C641F



DDFFD2



004C05



FAFFEF



003400



002000



000000



6EB367



6EB367



5EB355



7EB379

 4DB343

 8FB38B

 3DB331

 9FB39D

 2DB31F

 AFB3AF

 1DB30E

 BFB3C1

 10B300

 D0B3D2

 E0B3E4

 F0B3F6

 FFB3FF

# Harmonies

## Analogous

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



A1A94C



6EB367



10B891

# Triad

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



6EB367



0FACF9



F67F88

# Complementary

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



6EB367



AC67B3

# 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.



ED7FB5



6EB367



8C9EF6

# Square

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



6EB367



00B5E5



CA8CDD



E98B62

# Rectangle

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



6EB367



00B9AF



CA8CDD



F67D97



# Sweetspot

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



6EB367



CDE8CA



B3AB67



647563



F5F5F5



757575



# Same Dimension

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



6EB367



7DE872



67B385



515950



0E9900



021A00



# Inverse Universe

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



AC67B3



DD72E8



B36795



585059



8B0099



17001A



# Previews

## White Background



This preview shows how the Hex color 6EB367 looks on a white background.

## Color Contrast Check

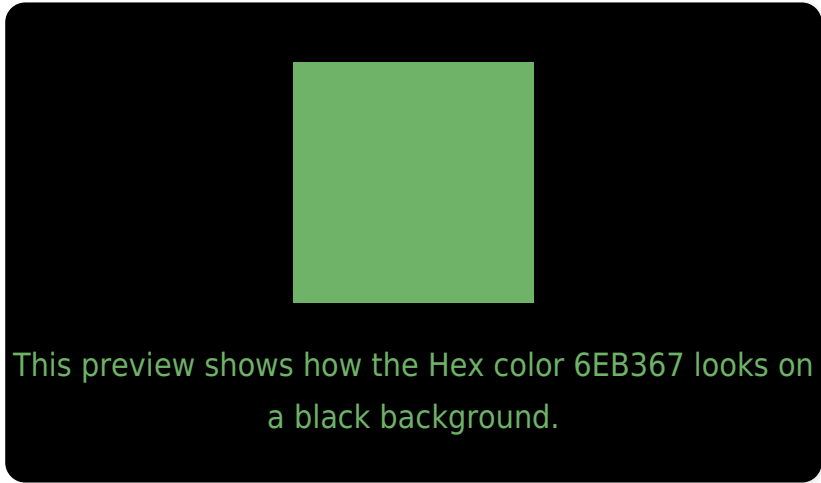
Large Text (above 18pt) WCAG AA × Fail

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 6EB367 Background



This preview shows how black text looks on a background with the Hex color 6EB367.



This preview shows how white text looks on a background with the Hex color 6EB367.

# 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



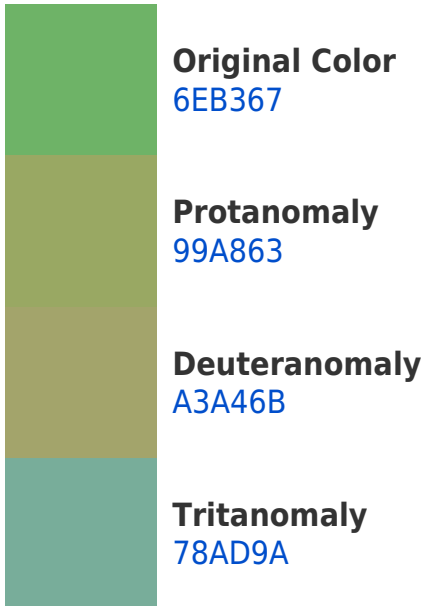
**Original Color**  
6EB367

**Protanopia**  
B1A261

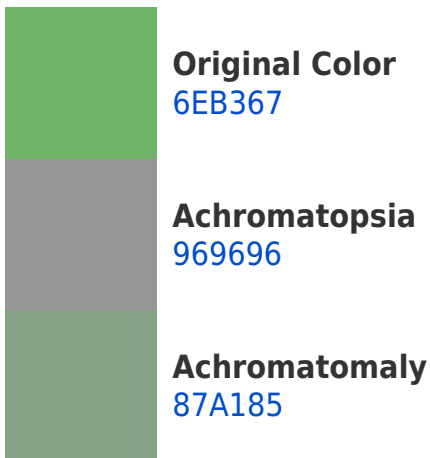
**Deuteranopia**  
C29B6D



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6EB367 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 #6EB367 looks like.

```
.text, #text, p{  
    color:#6EB367  
}
```

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 #6EB367 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6EB367
}
```

## Border

The CSS property to change the border of an element to Hex 6EB367 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
#6EB367 }
```

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

```
.border{ border-color:#6EB367 }
```

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

Here you see how a box with a 4 pixel #6EB367 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6EB367; -webkit-box-shadow:4px 4px  
4px 4px #6EB367; box-shadow:4px 4px 4px  
4px #6EB367 }
```

# Background

The CSS property to change the background color of an element to Hex 6EB367 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6EB367 }
```

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

```
.background{ background-color:#6EB367 }
```

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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