

Converting Colors

Hex(3EC169)

Have a look what the booklet for
Hex(3EC169) contains.

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Color

Hex(3EC169)

Conversions

Conversions Part 1

Format	Color
Hex	3EC169
RGB	62, 193, 105
RGB Percent	24%, 76%, 41%
CMY	0.7569, 0.2431, 0.5882
CMYK	0.68, 0.00, 0.46, 0.24
HSL	140°, 51%, 50%
HSV	140°, 68%, 76%
XYZ	23.6064, 40.1840, 19.8767
YIQ	143.7990, -49.8280, -55.1400

Conversions

Conversions Part 2

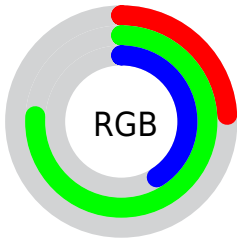
Format	Color
RYB	62, 161, 193
Decimal	4112745
CIELab	69.60, -54.67, 34.13
CIELCh	70, 64.454, 148.025
Yxy	40.1840, 0.2821, 0.4803
Android (android.graphics.Color)	4282302825 (0xFF3EC169)
YUV	143.7990, -19.1279, -71.7377
Hunter-Lab	63.3908, -44.4616, 25.7827

Details

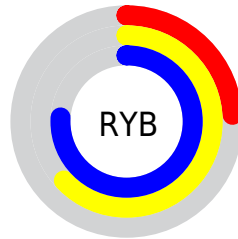
The Hex color **3EC169** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark muted spring green. A complement of this color would be **C13E96**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **7DFA9D**, and **008A38** is the 20% darker color. If you saturate the color by 10%, you get **2BC15C**, and if you desaturate by 10%, it is **51C176**.

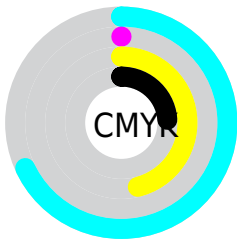
Distribution



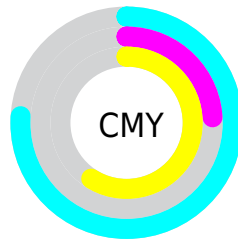
- Red (24%)
- Green (76%)
- Blue (41%)



- Red (24%)
- Yellow (63%)
- Blue (76%)



- Cyan (68%)
- Magenta (0%)
- Yellow (46%)
- Black (24%)



- Cyan (76%)
- Magenta (24%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3EC169 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 3EC169 by changing the saturation by 10% instead.



3EC169



3EC169

FFFFFF



11A550



7DFA9D



008A38



9AFFB9



00701F



B8FFD5



005605



D5FFF1



003D00



F4FFFF



002700



000000



3EC169



3EC169



2BC15C



51C176

 17C14F

 65C183

 04C142

 78C190

 00C13F

 8BC19D

 9FC1AA

 B2C1B7

 C5C1C4

 D8C1D1

 ECC1DE

Harmonies

Analogous

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



92B73A



3EC169



00C6A4

Triad

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



3EC169



00B2FF



FF7A77

Complementary

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



3EC169



C13E96

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.



FF74B0



3EC169



A49CFF

Square

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



3EC169



00BFFF



ED83E9



F88F46

Rectangle

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



3EC169



00C6CC



ED83E9



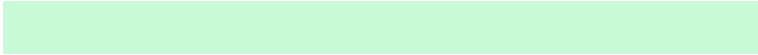
FF7589

Sweetspot

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



3EC169



C8FAD8



98C13E



5F7D69



FCFCFC



7D7D7D

Same Dimension

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



3EC169



2FFA72



3EC1A9



57615A



00A135



00210B

Inverse Universe

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



C13E96



FA2FB7



C13E56



61575E



A1006C



210016

Previews

White Background



This preview shows how the Hex color 3EC169 looks on a white background.

Color Contrast Check

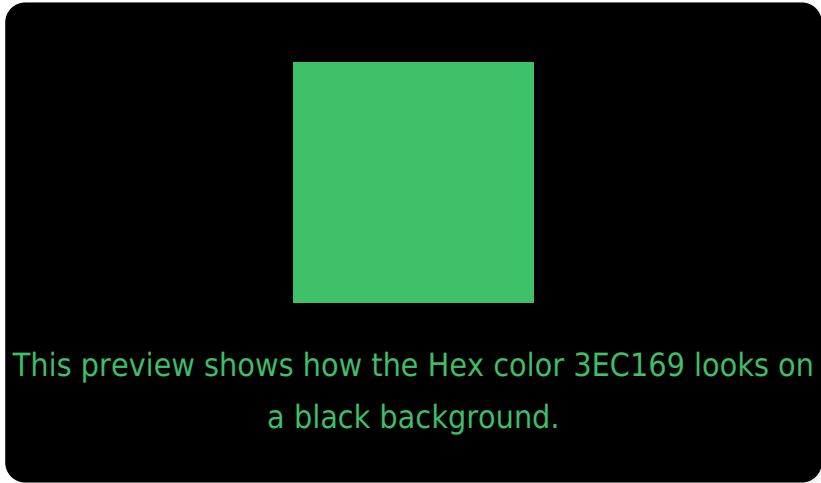
Large Text (above 18pt) WCAG AA × Fail

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

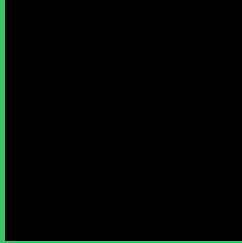
Any Text WCAG AA ✓ Pass

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 3EC169 Background



This preview shows how black text looks on a background with the Hex color 3EC169.

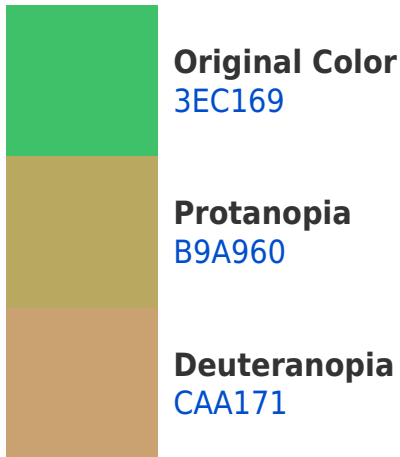


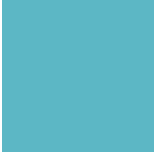
This preview shows how white text looks on a background with the Hex color 3EC169.

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
5CB7C5

Trichromacy



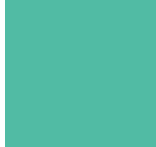
Original Color
3EC169



Protanomaly
8CB263



Deuteranomaly
97AD6E



Tritanomaly
51BBA4

Monochromacy



Original Color
3EC169



Achromatopsia
909090



Achromatomaly
72A282

CSS Examples

Text

The CSS property to change the color of the text to Hex 3EC169 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 #3EC169 looks like.

```
.text, #text, p{  
    color:#3EC169  
}
```

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 #3EC169 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3EC169
}
```

Border

The CSS property to change the border of an element to Hex 3EC169 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
#3EC169 }
```

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

```
.border{ border-color:#3EC169 }
```

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

Here you see how a box with a 4 pixel #3EC169 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3EC169; -webkit-box-shadow:4px 4px  
4px 4px #3EC169; box-shadow:4px 4px 4px  
4px #3EC169 }
```

Background

The CSS property to change the background color of an element to Hex 3EC169 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3EC169 }
```

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

```
.background{ background-color:#3EC169 }
```

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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