

# Converting Colors

Hex(4EC267)

Have a look what the booklet for  
Hex(4EC267) contains.

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# Color

**Hex(4EC267)**

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | 4EC267                       |
| RGB         | 78, 194, 103                 |
| RGB Percent | 31%, 76%, 40%                |
| CMY         | 0.6941, 0.2392, 0.5961       |
| CMYK        | 0.60, 0.00, 0.47, 0.24       |
| HSL         | 133°, 49%, 53%               |
| HSV         | 133°, 60%, 76%               |
| XYZ         | 24.8819, 41.1825, 19.4696    |
| YIQ         | 148.9420, -39.9250, -52.8930 |

# Conversions

## Conversions Part 2

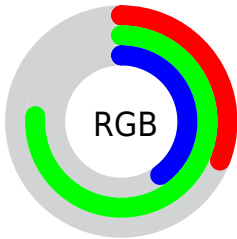
| Format                              | Color  |
|-------------------------------------|--|
| <a href="#">RYB</a>                 | <a href="#">78, 173, 194</a>                     |
| Decimal                             | <a href="#">5161575</a>                          |
| CIELab                              | <a href="#">70.30, -52.14, 36.12</a>             |
| CIElCh                              | <a href="#">70, 63.435, 145.287</a>              |
| Yxy                                 | <a href="#">41.1825, 0.2909,<br/>0.4815</a>      |
| Android<br>(android.graphics.Color) | <a href="#">4283351655<br/>(0xFF4EC267)</a>      |
| YUV                                 | <a href="#">148.9420, -22.6494,<br/>-62.2161</a> |
| Hunter-Lab                          | <a href="#">64.1736, -43.0946,<br/>26.9336</a>   |

# Details

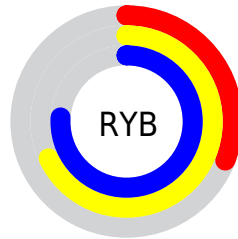
The Hex color **4EC267** is a dark color, and the websafe version is hex **66CC66**. The color can be described as dark muted spring green. A complement of this color would be **C24EA9**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **89FB9B**, and **008B35** is the 20% darker color. If you saturate the color by 10%, you get **3BC258**, and if you desaturate by 10%, it is **61C276**.

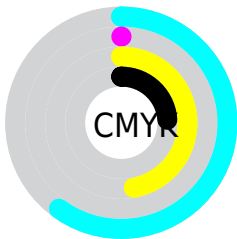
# Distribution



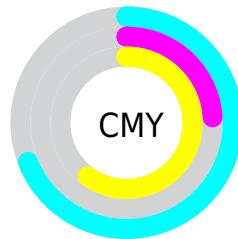
- Red (31%)
- Green (76%)
- Blue (40%)



- Red (31%)
- Yellow (68%)
- Blue (76%)



- Cyan (60%)
- Magenta (0%)
- Yellow (47%)
- Black (24%)



- Cyan (69%)
- Magenta (24%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4EC267 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 4EC267 by changing the saturation by 10% instead.



 4EC267

 4EC267

FFFFFF

 2DA64E

 89FB9B

 008B35

 A6FFB7

 00711D

 C3FFD3

 005701

 E1FFE7

 003F00

 002900


 000200

 000000

 4EC267

 4EC267

 3BC258

 61C276

 27C249

 75C285

 14C239

 88C295

 00C22A

 9CC2A4

 AFC2B3

 C2C2C2

 D6C2D2

 E9C2E1

 FDC2F0

# Harmonies

## Analogous

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



9BB73B



4EC267



00C7A1

# Triad

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



4EC267



00B5FF



FF7B7E

# Complementary

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



4EC267



C24EA9

# 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.



FF77B8



4EC267



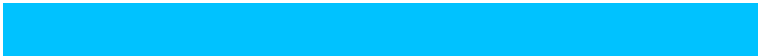
9DA0FF

# Square

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



4EC267



00C2FF



E988EE



FD904D

# Rectangle

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



4EC267



00C8C9



E988EE



FF7891

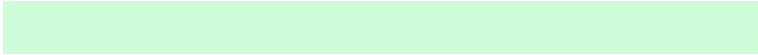


# Sweetspot

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



4EC267



CFFCD9



ABC24E



638069



000000



808080



# Same Dimension

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



4EC267



47FC6E



4EC29F



576159



00A123



002107



# Inverse Universe

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



C24EA9



FC47D5



C24E71



61575F



A1007E



21001A



# Previews

## White Background



This preview shows how the Hex color 4EC267 looks on a white background.

## Color Contrast Check

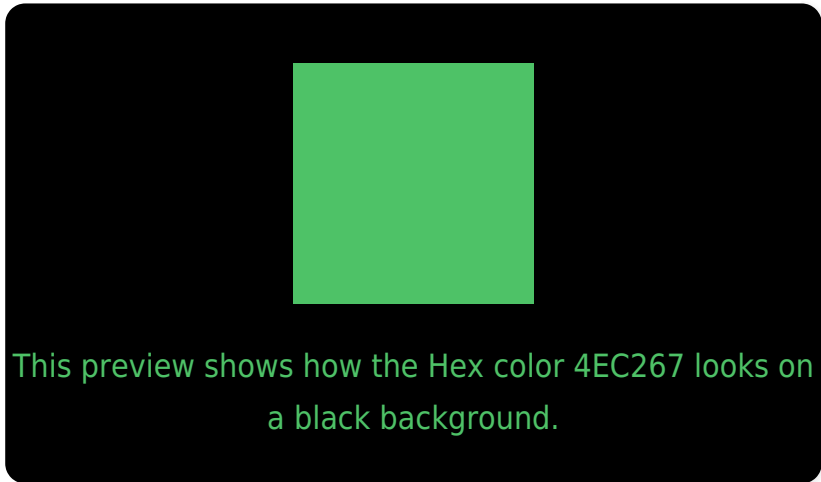
Large Text (above 18pt) WCAG AA × Fail

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 4EC267 Background



This preview shows how black text looks on a background with the Hex color 4EC267.

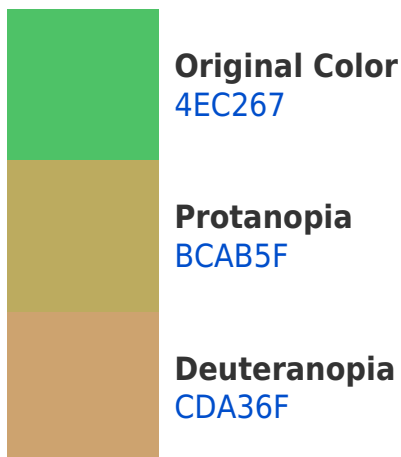


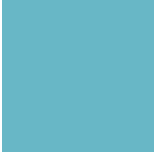
This preview shows how white text looks on a background with the Hex color 4EC267.

# 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](#).

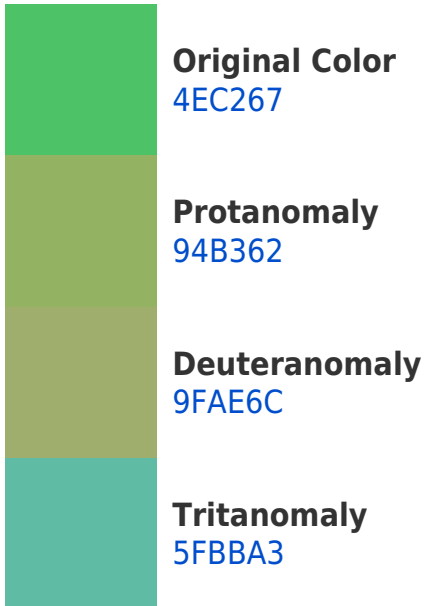
## Dichromacy



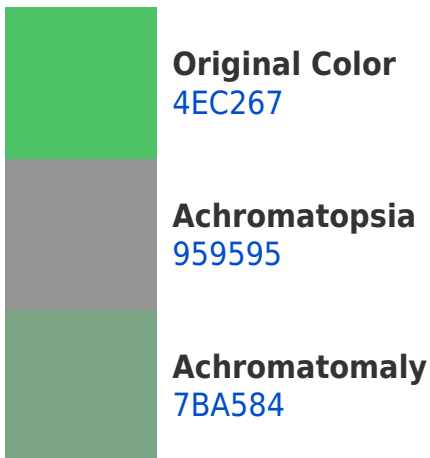


**Tritanopia**  
68B7C6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4EC267 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 #4EC267 looks like.

```
.text, #text, p{  
    color:#4EC267  
}
```

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 #4EC267 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4EC267
}
```

## Border

The CSS property to change the border of an element to Hex 4EC267 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
#4EC267 }
```

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

```
.border{ border-color:#4EC267 }
```

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

Here you see how a box with a 4 pixel #4EC267 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4EC267; -webkit-box-shadow:4px 4px  
4px 4px #4EC267; box-shadow:4px 4px 4px  
4px #4EC267 }
```

# Background

The CSS property to change the background color of an element to Hex 4EC267 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4EC267 }
```

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

```
.background{ background-color:#4EC267 }
```

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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