

Converting Colors

Hex(45E197)

Have a look what the booklet for
Hex(45E197) contains.

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Color

Hex(45E197)

Conversions

Conversions Part 1

Format	Color
Hex	45E197
RGB	69, 225, 151
RGB Percent	27%, 88%, 59%
CMY	0.7294, 0.1176, 0.4078
CMYK	0.69, 0.00, 0.33, 0.12
HSL	152°, 72%, 58%
HSV	152°, 69%, 88%
XYZ	34.9654, 57.3500, 38.5049
YIQ	169.9200, -69.2220, -56.0860

Conversions

Conversions Part 2

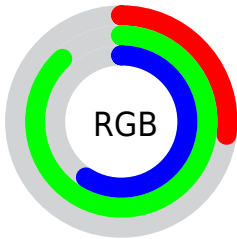
Format	Color
RYB	69, 171, 225
Decimal	4579735
CIELab	80.38, -57.15, 24.73
CIELCh	80, 62.272, 156.598
Yxy	57.3500, 0.2673, 0.4384
Android (android.graphics.Color)	4282769815 (0xFF45E197)
YUV	169.9200, -9.3276, -88.5068
Hunter-Lab	75.7298, -50.1115, 22.8647

Details

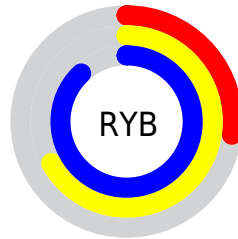
The Hex color **45E197** is a light color, and the websafe version is hex **00CC99**. The color can be described as light muted spring green. A complement of this color would be **E1458F**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **87FFCE**, and **00A864** is the 20% darker color. If you saturate the color by 10%, you get **2EE18C**, and if you desaturate by 10%, it is **5BE1A2**.

Distribution



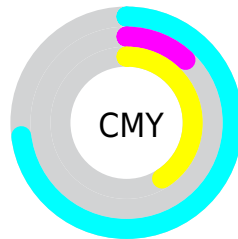
- Red (27%)
- Green (88%)
- Blue (59%)



- Red (27%)
- Yellow (67%)
- Blue (88%)



- Cyan (69%)
- Magenta (0%)
- Yellow (33%)
- Black (12%)



- Cyan (73%)
- Magenta (12%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color 45E197 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 45E197 by changing the saturation by 10% instead.

 45E197

 45E197

FFFFFF

 13C47D

 87FFCE

 00A864

 A6FFEA

 008D4B

 C4FFFF

 007334

 E3FFFF

 00591D

 004006

 002900

 000300

 000000

 45E197

 45E197

 2EE18C

 5BE1A2

 18E182

 72E1AC

 01E177

 88E1B7

 00E176

 9FE1C2

 B5E1CC

 CCE1D7

 E3E1E2

 F9E1EC

 FFE1F7

Harmonies

Analogous

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



9FD865



45E197



00E4D3

Triad

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



45E197



74C9FF



FF9F85

Complementary

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



45E197



E1458F

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.



FF94BD



45E197



DCB3FF

Square

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



45E197



00DAFF



FF9DF7



FFB45B

Rectangle

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



45E197



00E4FA



FF9DF7



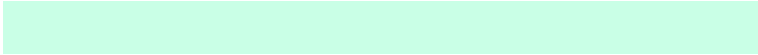
FF9997

Sweetspot

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



45E197



C9FFE6



90E145



608070



000000



808080

Same Dimension

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



45E197



2BFF9B



45DEE1



65706B



00B05C



003019

Inverse Universe

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



E1458F



FF2B90



E14845



70656A



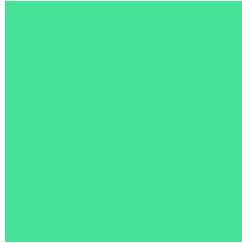
B00053



300017

Previews

White Background



This preview shows how the Hex color 45E197 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 45E197 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

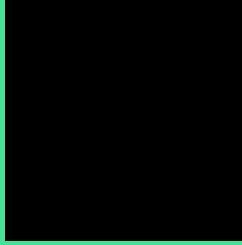
Any Text WCAG AA ✓ Pass

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 45E197 Background



This preview shows how black text looks on a background with the Hex color 45E197.

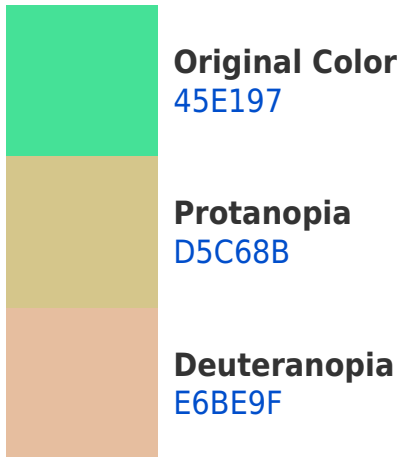


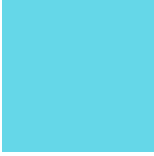
This preview shows how white text looks on a background with the Hex color 45E197.

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](#).

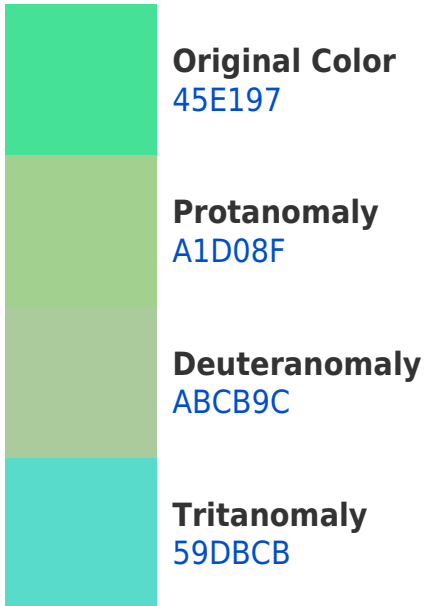
Dichromacy



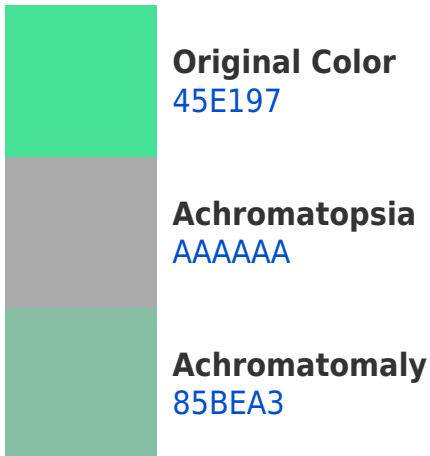


Tritanopia
65D7E8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 45E197 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 #45E197 looks like.

```
.text, #text, p{  
    color:#45E197  
}
```

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 #45E197 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #45E197  
}
```

Border

The CSS property to change the border of an element to Hex 45E197 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  
#45E197 }
```

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

```
.border{ border-color:#45E197 }
```

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

Here you see how a box with a 4 pixel #45E197 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #45E197; -webkit-box-shadow:4px 4px  
4px 4px #45E197; box-shadow:4px 4px 4px  
4px #45E197 }
```

Background

The CSS property to change the background color of an element to Hex 45E197 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#45E197 }
```

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

```
.background{ background-color:#45E197 }
```

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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