

Converting Colors

Hex(4EEDA1)

Have a look what the booklet for
Hex(4EEDA1) contains.

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Color

Hex(4EEDA1)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 4EEDA1 |
| RGB | 78, 237, 161 |
| RGB Percent | 31%, 93%, 63% |
| CMY | 0.6941, 0.0706, 0.3686 |
| CMYK | 0.67, 0.00, 0.32, 0.07 |
| HSL | 151°, 82%, 62% |
| HSV | 151°, 67%, 93% |
| XYZ | 39.8591, 64.7613, 44.1176 |
| YIQ | 180.7950, -70.3680, -57.3440 |

Conversions

Conversions Part 2

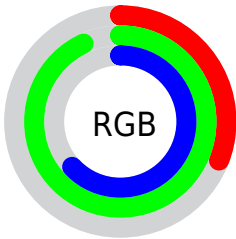
| Format | Color |
|-------------------------------------|---|
| RYB | 78, 182, 237 |
| Decimal | 5172641 |
| CIELab | 84.36, -58.33, 25.04 |
| CIELCh | 84, 63.482, 156.768 |
| Yxy | 64.7613, 0.2680, 0.4354 |
| Android (android.graphics.Color) | 4283362721 (0xFF4EEDA1) |
| YUV | 180.7950, -9.7589, -90.1512 |
| Hunter-Lab | 80.4744, -52.4189, 23.8282 |

Details

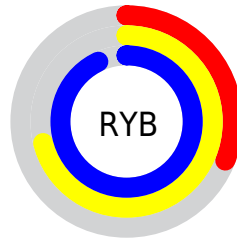
The Hex color **4EEDA1** is a light color, and the websafe version is hex **66FF99**. The color can be described as light muted spring green. A complement of this color would be **ED4E9A**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **8FFFD8**, and **00B46D** is the 20% darker color. If you saturate the color by 10%, you get **36ED96**, and if you desaturate by 10%, it is **66EDAC**.

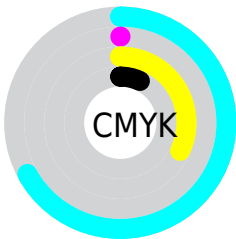
Distribution



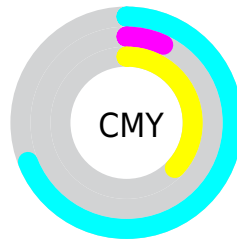
- Red (31%)
- Green (93%)
- Blue (63%)



- Red (31%)
- Yellow (71%)
- Blue (93%)



- Cyan (67%)
- Magenta (0%)
- Yellow (32%)
- Black (7%)



- Cyan (69%)
- Magenta (7%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4EEDA1 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 4EEDA1 by changing the saturation by 10% instead.

 4EEDA1

 4EEDA1


FFFFFF

 23D087

 8FFFD8

 00B46D

 AEFFF5

 009854

 CDFFFF

 007D3C

 ECFFFF

 006325

 004A0F

 003300

 001800

 000000

 4EEDA1

 4EEDA1

 36ED96

 66EDAC

 1FED8A

 7DEDB8

 07ED7F

 95EDC3

 00ED7C

 ADEDCE

 C4EDDA

 DCEDE5

 F4EDF0

 FFEDFC

 FFEDFF

Harmonies

Analogous

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



A9E46E



4EEDA1



00F1DF

Triad

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



4EEDA1



7FD4FF



FFA98E

Complementary

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



4EEDA1



ED4E9A

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.



FF9EC7



4EEDA1



E8BDFE

Square

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



4EEDA1



00E5FF



FFA7FF



FFBE63

Rectangle

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



4EEDA1



00F0FF



FFA7FF



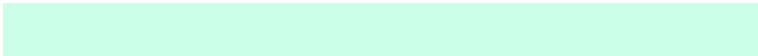
FFA4A0

Sweetspot

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



4EEDA1



CCFFE7



9BED4E



618071



000000



808080

Same Dimension

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



4EEDA1



30FF9C



4EEAED



6A7570



00B55F



00361C

Inverse Universe

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



ED4E9A



FF3093



ED514E



756A6F



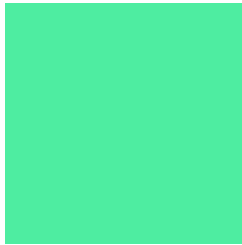
B50057



36001A

Previews

White Background



This preview shows how the Hex color 4EEDA1 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 4EEDA1 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

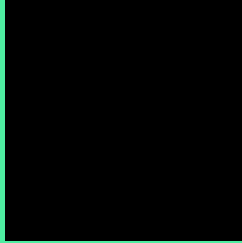
Any Text WCAG AA ✓ Pass

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 4EEDA1 Background



This preview shows how black text looks on a background with the Hex color 4EEDA1.

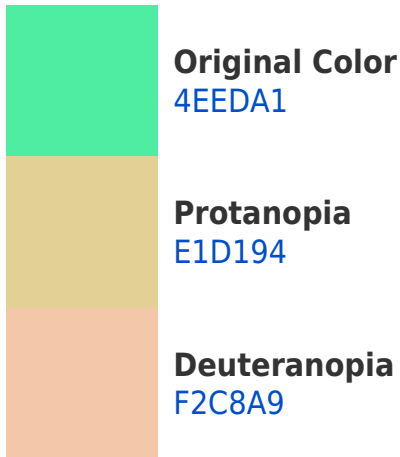


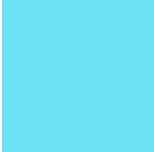
This preview shows how white text looks on a background with the Hex color 4EEDA1.

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
6DE2F5

Trichromacy



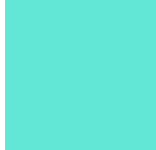
Original Color
4EEDA1



Protanomaly
ACDB99



Deuteranomaly
B6D5A6

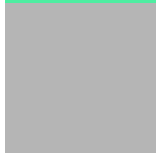


Tritanomaly
62E6D6

Monochromacy



Original Color
4EEDA1



Achromatopsia
B5B5B5



Achromatomaly
90C9AE

CSS Examples

Text

The CSS property to change the color of the text to Hex 4EEDA1 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 #4EEDA1 looks like.

```
.text, #text, p{  
    color:#4EEDA1  
}
```

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 #4EEDA1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4EEDA1
}
```

Border

The CSS property to change the border of an element to Hex 4EEDA1 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
#4EEDA1 }
```

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

```
.border{ border-color:#4EEDA1 }
```

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

Here you see how a box with a 4 pixel #4EEDA1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4EEDA1; -webkit-box-shadow:4px 4px  
4px 4px #4EEDA1; box-shadow:4px 4px 4px  
4px #4EEDA1 }
```

Background

The CSS property to change the background color of an element to Hex 4EEDA1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4EEDA1 }
```

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

```
.background{ background-color:#4EEDA1 }
```

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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