

Converting Colors

Hex(4EE6A4)

Have a look what the booklet for
Hex(4EE6A4) contains.

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Color

Hex(4EE6A4)

Conversions

Conversions Part 1

Format	Color
Hex	4EE6A4
RGB	78, 230, 164
RGB Percent	31%, 90%, 64%
CMY	0.6941, 0.0980, 0.3569
CMYK	0.66, 0.00, 0.29, 0.10
HSL	154°, 75%, 60%
HSV	154°, 66%, 90%
XYZ	38.1395, 60.8937, 44.8655
YIQ	177.0280, -69.4060, -52.7500

Conversions

Conversions Part 2

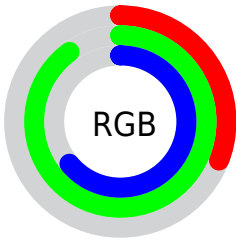
Format	Color
RYB	78, 175, 230
Decimal	5170852
CIELab	82.32, -55.01, 20.69
CIELCh	82, 58.771, 159.384
Yxy	60.8937, 0.2650, 0.4232
Android (android.graphics.Color)	4283360932 (0xFF4EE6A4)
YUV	177.0280, -6.4228, -86.8476
Hunter-Lab	78.0344, -49.3178, 20.5356

Details

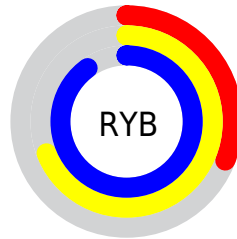
The Hex color **4EE6A4** is a light color, and the websafe version is hex **33CC99**. The color can be described as light muted spring green. A complement of this color would be **E64E90**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **8EFFDB**, and **00AD70** is the 20% darker color. If you saturate the color by 10%, you get **37E69A**, and if you desaturate by 10%, it is **65E6AE**.

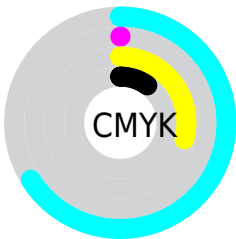
Distribution



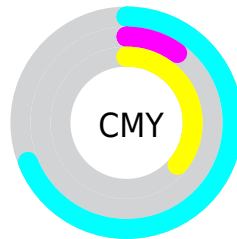
- Red (31%)
- Green (90%)
- Blue (64%)



- Red (31%)
- Yellow (69%)
- Blue (90%)



- Cyan (66%)
- Magenta (0%)
- Yellow (29%)
- Black (10%)



- Cyan (69%)
- Magenta (10%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4EE6A4 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 4EE6A4 by changing the saturation by 10% instead.

 4EE6A4

 4EE6A4


FFFFFF

 25C98A

 8EFFDB

 00AD70

 ADFFF8

 009257

 CBFFFF

 007740

 EAFFFF

 005D29

 004413

 002E00

 000F00

 000000

 4EE6A4

 4EE6A4

 37E69A

 65E6AE

 20E690

 7CE6B8

 09E686

 93E6C2

 00E682

 AAE6CC

 C1E6D6

 D8E6E0

 EFE6EA

 FFE6F4

 FFE6FE

Harmonies

Analogous

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



A1DE74



4EE6A4



00E9DD

Triad

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



4EE6A4



8ECDFF



FFA989

Complementary

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



4EE6A4



E64E90

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.



FF9EBD



4EE6A4



E8B7FF

Square

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



4EE6A4



00DDFF



FFA4F5



FFBC65

Rectangle

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



4EE6A4



00E8FF



FFA4F5



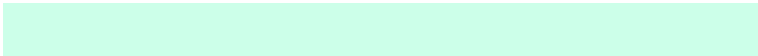
FFA39A

Sweetspot

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



4EE6A4



CCFFE9



92E64E



618072



000000



808080

Same Dimension

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



4EE6A4



36FFA8



4EDEE6



67736E



00B365



00331D

Inverse Universe

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



E64E90



FF368D



E6564E



73676C



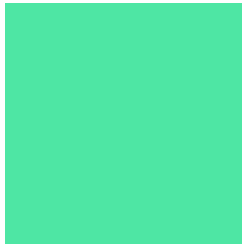
B3004E



330016

Previews

White Background



This preview shows how the Hex color 4EE6A4 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 4EE6A4 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 4EE6A4 Background



This preview shows how black text looks on a background with the Hex color 4EE6A4.

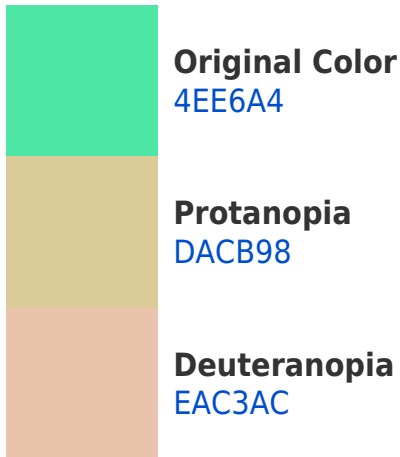


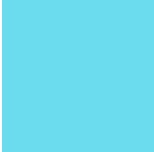
This preview shows how white text looks on a background with the Hex color 4EE6A4.

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
6ADCEE

Trichromacy



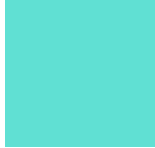
Original Color
4EE6A4



Protanomaly
A7D59C



Deuteranomaly
B1D0A9



Tritanomaly
60E0D3

Monochromacy



Original Color
4EE6A4



Achromatopsia
B1B1B1



Achromatomaly
8DC4AC

CSS Examples

Text

The CSS property to change the color of the text to Hex 4EE6A4 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 #4EE6A4 looks like.

```
.text, #text, p{  
  color:#4EE6A4  
}
```

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 #4EE6A4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4EE6A4
}
```

Border

The CSS property to change the border of an element to Hex 4EE6A4 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
#4EE6A4 }
```

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

```
.border{ border-color:#4EE6A4 }
```

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

Here you see how a box with a 4 pixel #4EE6A4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4EE6A4; -webkit-box-shadow:4px 4px  
4px 4px #4EE6A4; box-shadow:4px 4px 4px  
4px #4EE6A4 }
```

Background

The CSS property to change the background color of an element to Hex 4EE6A4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4EE6A4 }
```

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

```
.background{ background-color:#4EE6A4 }
```

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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