

Converting Colors

Hex(3EE6A4)

Have a look what the booklet for
Hex(3EE6A4) contains.

| | |
|--|----|
| Hex(3EE6A4) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 11 |
| <i>Previews</i> | 23 |
| <i>Color Blindness Simulation</i> | 26 |
| <i>CSS Examples</i> | 29 |

Color

Hex(3EE6A4)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 3EE6A4 |
| RGB | 62, 230, 164 |
| RGB Percent | 24%, 90%, 64% |
| CMY | 0.7569, 0.0980, 0.3569 |
| CMYK | 0.73, 0.00, 0.29, 0.10 |
| HSL | 156°, 77%, 57% |
| HSV | 156°, 73%, 90% |
| XYZ | 36.9843, 60.2981, 44.8114 |
| YIQ | 172.2440, -78.9420, -56.1420 |

Conversions

Conversions Part 2

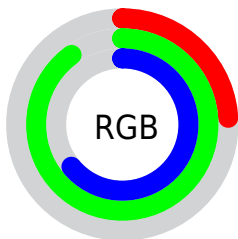
| Format | Color |
|-------------------------------------|---|
| RYB | 62, 167, 230 |
| Decimal | 4122276 |
| CIELab | 82.00, -57.38, 20.20 |
| CIELCh | 82, 60.834, 160.608 |
| Yxy | 60.2981, 0.2603, 0.4244 |
| Android (android.graphics.Color) | 4282312356 (0xFF3EE6A4) |
| YUV | 172.2440, -4.0643, -96.6840 |
| Hunter-Lab | 77.6518, -50.8742, 20.1412 |

Details

The Hex color **3EE6A4** is a light color, and the websafe version is hex **00CC99**. The color can be described as light washed spring green. A complement of this color would be **E63E80**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **83FFDB**, and **00AD70** is the 20% darker color. If you saturate the color by 10%, you get **27E69B**, and if you desaturate by 10%, it is **55E6AD**.

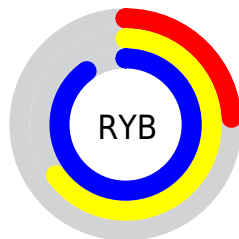
Distribution



Red (24%)

Green (90%)

Blue (64%)



Red (24%)

Yellow (65%)

Blue (90%)

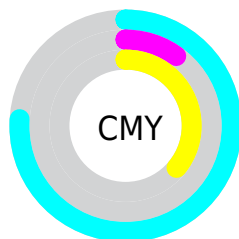


Cyan (73%)

Magenta (0%)

Yellow (29%)

Black (10%)



Cyan (76%)

Magenta (10%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3EE6A4 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 3EE6A4 by changing the saturation by 10% instead.

 3EE6A4

 3EE6A4

FFFFFF

 00C98A

 83FFDB

 00AD70

 A3FFF8

 009257

 C2FFFF

 007740

 E0FFFF

 005D29

 004413

 002D00

 000D00

 000000

 3EE6A4

 3EE6A4

 27E69B

 55E6AD

 10E692

 6CE6B6

 00E68C

 83E6BF

 9AE6C8

 B1E6D1

 C8E6DA

 DFE6E3

 F6E6EC

 FFE6F5

Harmonies

Analogous

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



9BDE72



3EE6A4



00E9DF

Triad

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



3EE6A4



8ECBFF



FFA784

Complementary

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



3EE6A4



E63E80

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.



FF9BBA



3EE6A4



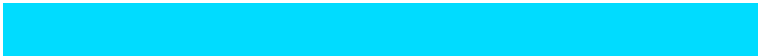
EBB5FF

Square

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



3EE6A4



00DCFF



FFA1F3



FFBC5F

Rectangle

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



3EE6A4



00E7FF



FFA1F3



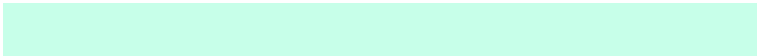
FFA195

Sweetspot

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



3EE6A4



C7FFE9



81E63E



5E8072



000000



808080

Same Dimension

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



3EE6A4



1FFFA7



3ED5E6



67736E



00B36C



00331F

Inverse Universe

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



E63E80



FF1F77



E64F3E



73676C



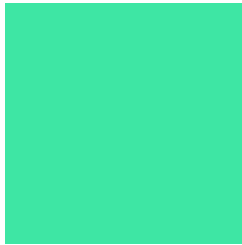
B30046



330014

Previews

White Background



This preview shows how the Hex color 3EE6A4 looks on a white background.

Color Contrast Check

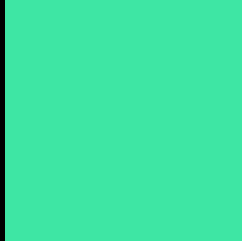
Large Text (above 18pt) WCAG AA × Fail

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 3EE6A4 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 3EE6A4 Background



This preview shows how black text looks on a background with the Hex color 3EE6A4.

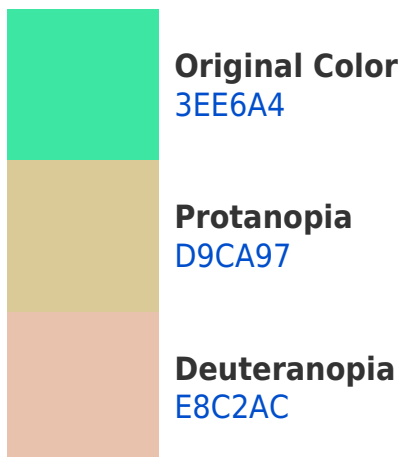


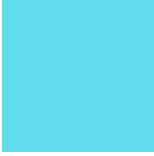
This preview shows how white text looks on a background with the Hex color 3EE6A4.

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
60DCEE

Trichromacy



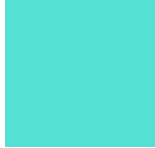
Original Color
3EE6A4



Protanomaly
A1D49C



Deuteranomaly
AACFA9



Tritanomaly
54E0D3

Monochromacy



Original Color
3EE6A4



Achromatopsia
ACACAC



Achromatomaly
84C1A9

CSS Examples

Text

The CSS property to change the color of the text to Hex 3EE6A4 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 #3EE6A4 looks like.

```
.text, #text, p{  
    color:#3EE6A4  
}
```

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 #3EE6A4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3EE6A4
}
```

Border

The CSS property to change the border of an element to Hex 3EE6A4 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
#3EE6A4 }
```

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

```
.border{ border-color:#3EE6A4 }
```

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

Here you see how a box with a 4 pixel #3EE6A4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3EE6A4; -webkit-box-shadow:4px 4px  
4px 4px #3EE6A4; box-shadow:4px 4px 4px  
4px #3EE6A4 }
```

Background

The CSS property to change the background color of an element to Hex 3EE6A4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3EE6A4 }
```

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

```
.background{ background-color:#3EE6A4 }
```

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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