

Converting Colors

Hex(3BE294)

Have a look what the booklet for
Hex(3BE294) contains.

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Color

Hex(3BE294)

Conversions

Conversions Part 1

Format	Color
Hex	3BE294
RGB	59, 226, 148
RGB Percent	23%, 89%, 58%
CMY	0.7686, 0.1137, 0.4196
CMYK	0.74, 0.00, 0.35, 0.11
HSL	152°, 74%, 56%
HSV	152°, 74%, 89%
XYZ	34.3453, 57.4606, 37.2978
YIQ	167.1750, -74.4940, -59.6620

Conversions

Conversions Part 2

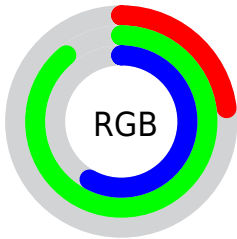
Format	Color
RYB	59, 168, 226
Decimal	3924628
CIELab	80.44, -59.55, 26.33
CIELCh	80, 65.110, 156.143
Yxy	57.4606, 0.2660, 0.4451
Android (android.graphics.Color)	4282114708 (0xFF3BE294)
YUV	167.1750, -9.4533, -94.8695
Hunter-Lab	75.8028, -51.7788, 23.8891

Details

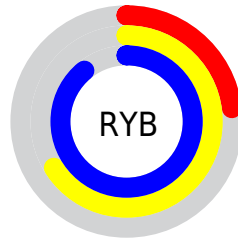
The Hex color **3BE294** is a dark color, and the websafe version is hex **66FF99**. The color can be described as middle washed spring green. A complement of this color would be **E23B89**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **81FFCA**, and **00A961** is the 20% darker color. If you saturate the color by 10%, you get **24E289**, and if you desaturate by 10%, it is **52E29F**.

Distribution



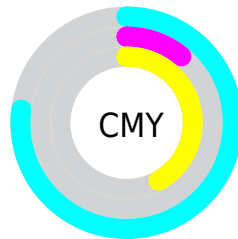
- Red (23%)
- Green (89%)
- Blue (58%)



- Red (23%)
- Yellow (66%)
- Blue (89%)



- Cyan (74%)
- Magenta (0%)
- Yellow (35%)
- Black (11%)



- Cyan (77%)
- Magenta (11%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3BE294 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 3BE294 by changing the saturation by 10% instead.

 3BE294

 3BE294

FFFFFF

 00C57A

 81FFCA

 00A961

 A0FFE7

 008E48

 BFFFFFF

 007331

 DDDFFF

 00591A

 FFFFFFF

 004002

 002900

 000300

 000000

 3BE294

 3BE294

 24E289

 52E29F

 0EE27F

 68E2A9

 00E278

 7FE2B4

 95E2BE

 ACE2C9

 C3E2D3

 D9E2DE

 F0E2E8

 FFE2F3

Harmonies

Analogous

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



9ED960



3BE294



00E6D3

Triad

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



3BE294



69CAFF



FF9C83

Complementary

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



3BE294



E23B89

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.



FF91BD



3BE294



DCB2FF

Square

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



3BE294



00DBFF



FF9BFA



FFB357

Rectangle

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



3BE294



00E5FB



FF9BFA



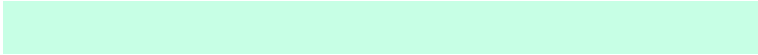
FF9795

Sweetspot

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



3BE294



C7FFE5



8CE23B



5E8070



000000



808080

Same Dimension

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



3BE294



1CFF95



3BDFE2



65706B



00B05E



00301A

Inverse Universe

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



E23B89



FF1C86



E23E3B



70656A



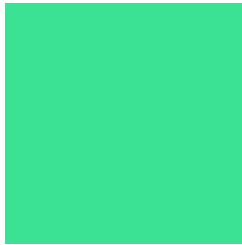
B00052



300017

Previews

White Background



This preview shows how the Hex color 3BE294 looks on a white background.

Color Contrast Check

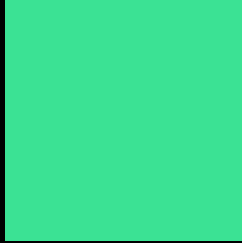
Large Text (above 18pt) WCAG AA × Fail

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 3BE294 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

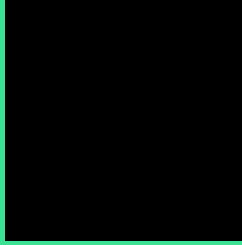
Any Text WCAG AA ✓ Pass

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 3BE294 Background



This preview shows how black text looks on a background with the Hex color 3BE294.



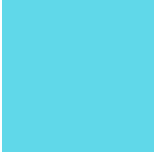
This preview shows how white text looks on a background with the Hex color 3BE294.

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
60D8E9

Trichromacy



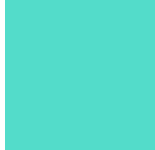
Original Color
3BE294



Protanomaly
9ED08C



Deuteranomaly
A8CB99

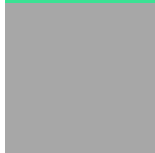


Tritanomaly
53DCCA

Monochromacy



Original Color
3BE294



Achromatopsia
A7A7A7



Achromatomaly
80BCA0

CSS Examples

Text

The CSS property to change the color of the text to Hex 3BE294 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 #3BE294 looks like.

```
.text, #text, p{  
    color:#3BE294  
}
```

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 #3BE294 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3BE294
}
```

Border

The CSS property to change the border of an element to Hex 3BE294 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
#3BE294 }
```

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

```
.border{ border-color:#3BE294 }
```

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

Here you see how a box with a 4 pixel #3BE294 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3BE294; -webkit-box-shadow:4px 4px  
4px 4px #3BE294; box-shadow:4px 4px 4px  
4px #3BE294 }
```

Background

The CSS property to change the background color of an element to Hex 3BE294 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3BE294 }
```

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

```
.background{ background-color:#3BE294 }
```

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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