

Converting Colors

Hex(2DE394)

Have a look what the booklet for
Hex(2DE394) contains.

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Color

Hex(2DE394)

Conversions

Conversions Part 1

Format	Color
Hex	2DE394
RGB	45, 227, 148
RGB Percent	18%, 89%, 58%
CMY	0.8235, 0.1098, 0.4196
CMYK	0.80, 0.00, 0.35, 0.11
HSL	154°, 76%, 53%
HSV	154°, 80%, 89%
XYZ	33.8966, 57.6342, 37.3549
YIQ	163.5760, -83.1130, -63.1530

Conversions

Conversions Part 2

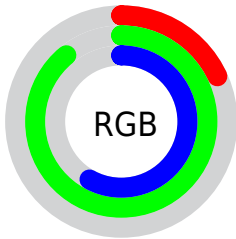
Format	Color
RYB	45, 161, 227
Decimal	3007380
CIELab	80.53, -61.52, 26.43
CIELCh	81, 66.960, 156.752
Yxy	57.6342, 0.2630, 0.4472
Android (android.graphics.Color)	4281197460 (0xFF2DE394)
YUV	163.5760, -7.6790, -103.9912
Hunter-Lab	75.9172, -53.1559, 23.9685

Details

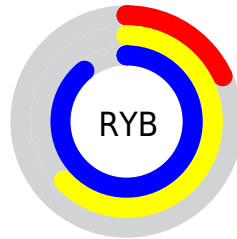
The Hex color **2DE394** is a dark color, and the websafe version is hex **66FF99**. The color can be described as middle washed spring green. A complement of this color would be **E32D7C**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **79FFCA**, and **00AA61** is the 20% darker color. If you saturate the color by 10%, you get **16E38A**, and if you desaturate by 10%, it is **44E39E**.

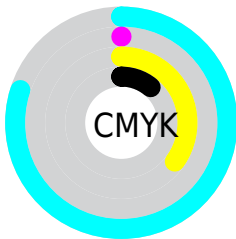
Distribution



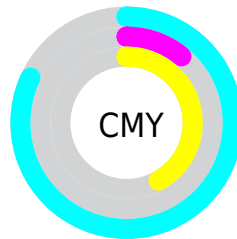
- Red (18%)
- Green (89%)
- Blue (58%)



- Red (18%)
- Yellow (63%)
- Blue (89%)



- Cyan (80%)
- Magenta (0%)
- Yellow (35%)
- Black (11%)



- Cyan (82%)
- Magenta (11%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2DE394 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 2DE394 by changing the saturation by 10% instead.

 2DE394

 2DE394

FFFFFF

 00C67A

 79FFCA

 00AA61

 99FFE7

 008F48

 B8FFFF

 007431

 D7FFFF

 005A1A

 F6FFFF

 004102

 002900

 000400

 000000

 2DE394

 2DE394

 16E38A

 44E39E

 00E380

 5AE3A8

 71E3B2

 88E3BB

 9FE3C5

 B5E3CF

 CCE3D9

 E3E3E3

 F9E3ED

Harmonies

Analogous

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



9BD95E



2DE394



00E7D5

Triad

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



2DE394



66CAFF



FF9B80

Complementary

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



2DE394



E32D7C

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.



FF8FBC



2DE394



DEB1FF

Square

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



2DE394



00DCFF



FF99FB



FFB352

Rectangle

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



2DE394



00E6FE



FF99FB



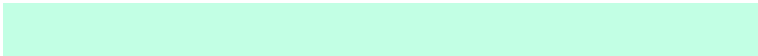
FF9593

Sweetspot

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



2DE394



C2FFE4



7FE32D



5B806F



000000



808080

Same Dimension

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



2DE394



0AFF95



2DDAE3



67736E



00B365



00331D

Inverse Universe

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



E32D7C



FF0A74



E3362D



73676C



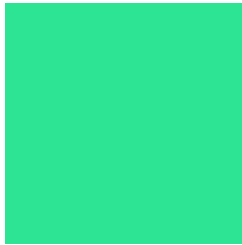
B3004D



330016

Previews

White Background



This preview shows how the Hex color 2DE394 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 2DE394 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

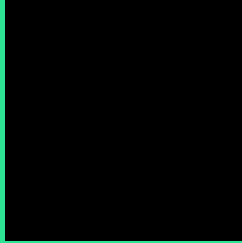
Any Text WCAG AA ✓ Pass

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 2DE394 Background



This preview shows how black text looks on a background with the Hex color 2DE394.

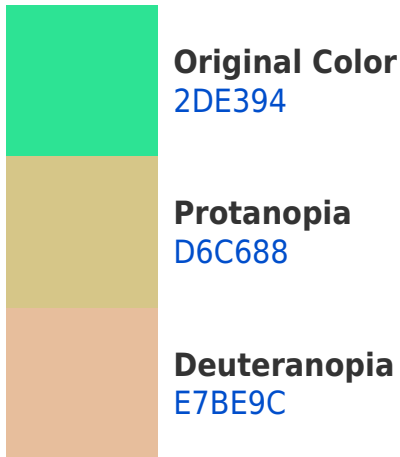


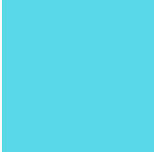
This preview shows how white text looks on a background with the Hex color 2DE394.

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
59D8EA

Trichromacy



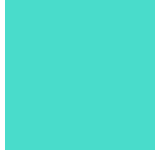
Original Color
2DE394



Protanomaly
99D18C



Deuteranomaly
A3CB99



Tritanomaly
49DCCB

Monochromacy



Original Color
2DE394



Achromatopsia
A4A4A4



Achromatomaly
79BB9E

CSS Examples

Text

The CSS property to change the color of the text to Hex 2DE394 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 #2DE394 looks like.

```
.text, #text, p{  
    color:#2DE394  
}
```

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 #2DE394 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2DE394
}
```

Border

The CSS property to change the border of an element to Hex 2DE394 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
#2DE394 }
```

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

```
.border{ border-color:#2DE394 }
```

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

Here you see how a box with a 4 pixel #2DE394 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2DE394; -webkit-box-shadow:4px 4px  
4px 4px #2DE394; box-shadow:4px 4px 4px  
4px #2DE394 }
```

Background

The CSS property to change the background color of an element to Hex 2DE394 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2DE394 }
```

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

```
.background{ background-color:#2DE394 }
```

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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