

Converting Colors

Hex(41E994)

Have a look what the booklet for
Hex(41E994) contains.

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Color

Hex(41E994)

Conversions

Conversions Part 1

Format	Color
Hex	41E994
RGB	65, 233, 148
RGB Percent	25%, 91%, 58%
CMY	0.7451, 0.0863, 0.4196
CMYK	0.72, 0.00, 0.36, 0.09
HSL	150°, 79%, 58%
HSV	150°, 72%, 91%
XYZ	36.6642, 61.5398, 37.9629
YIQ	173.0780, -72.8430, -62.0510

Conversions

Conversions Part 2

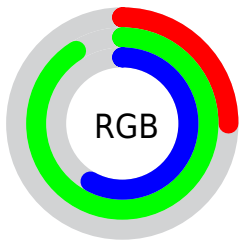
Format	Color
RYB	65, 177, 233
Decimal	4319636
CIELab	82.67, -61.32, 29.35
CIELCh	83, 67.982, 154.421
Yxy	61.5398, 0.2693, 0.4519
Android (android.graphics.Color)	4282509716 (0xFF41E994)
YUV	173.0780, -12.3635, -94.7844
Hunter-Lab	78.4473, -53.8566, 26.2209

Details

The Hex color **41E994** 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 **E94196**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **86FFCB**, and **00B060** is the 20% darker color. If you saturate the color by 10%, you get **2AE988**, and if you desaturate by 10%, it is **58E9A0**.

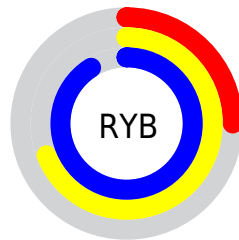
Distribution



Red (25%)

Green (91%)

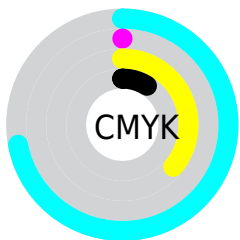
Blue (58%)



Red (25%)

Yellow (69%)

Blue (91%)

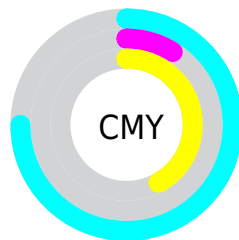


Cyan (72%)

Magenta (0%)

Yellow (36%)

Black (9%)



Cyan (75%)

Magenta (9%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 41E994 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 41E994 by changing the saturation by 10% instead.

 41E994

 41E994


FFFFFF

 00CC7A

 86FFCB

 00B060

 A5FFE7

 009448

 C4FFFF

 007A30

 E3FFFF

 005F19

 004600

 002F00

 001100

 000000

 41E994

 41E994

 2AE988

 58E9A0

 12E97C

 70E9AC

 00E973

 87E9B7

 9EE9C3

 B5E9CF

 CDE9DB

 E4E9E7

 FBE9F2

 FFE9FE

Harmonies

Analogous

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



A6DF5E



41E994



00EDD6

Triad

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



41E994



5CD2FF



FF9F89

Complementary

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



41E994



E94196

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.



FF94C7



41E994



DDB9FF

Square

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



41E994



00E3FF



FFA0FF



FFB659

Rectangle

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



41E994



00EDFF



FFA0FF



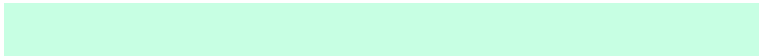
FF999D

Sweetspot

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



41E994



C7FFE3



98E941



5E806F



000000



808080

Same Dimension

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



41E994



21FF8F



41E9E6



6A756F



00B559



00361A

Inverse Universe

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



E94196



FF2191



E94144



756A70



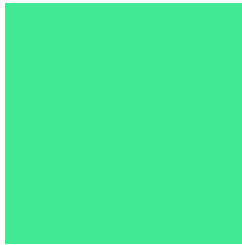
B5005C



36001B

Previews

White Background



This preview shows how the Hex color 41E994 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 41E994 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

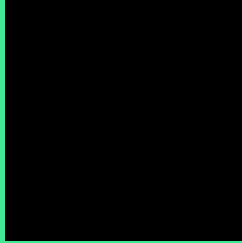
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

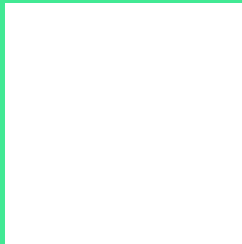
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 41E994 Background



This preview shows how black text looks on a background with the Hex color 41E994.

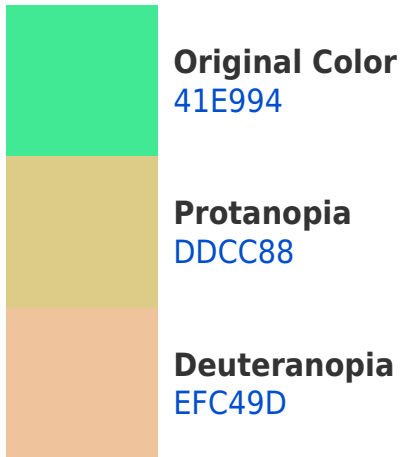


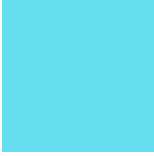
This preview shows how white text looks on a background with the Hex color 41E994.

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
66DEF0

Trichromacy



Original Color
41E994



Protanomaly
A4D78C



Deuteranomaly
B0D19A



Tritanomaly
59E2CF

Monochromacy



Original Color
41E994



Achromatopsia
ADADAD



Achromatomaly
86C3A4

CSS Examples

Text

The CSS property to change the color of the text to Hex 41E994 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 #41E994 looks like.

```
.text, #text, p{  
    color:#41E994  
}
```

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 #41E994 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #41E994
}
```

Border

The CSS property to change the border of an element to Hex 41E994 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
#41E994 }
```

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

```
.border{ border-color:#41E994 }
```

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

Here you see how a box with a 4 pixel #41E994 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #41E994; -webkit-box-shadow:4px 4px  
4px 4px #41E994; box-shadow:4px 4px 4px  
4px #41E994 }
```

Background

The CSS property to change the background color of an element to Hex 41E994 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#41E994 }
```

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

```
.background{ background-color:#41E994 }
```

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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