

Converting Colors

Hex(41E884)

Have a look what the booklet for
Hex(41E884) contains.

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Color

Hex(41E884)

Conversions

Conversions Part 1

Format	Color
Hex	41E884
RGB	65, 232, 132
RGB Percent	25%, 91%, 52%
CMY	0.7451, 0.0902, 0.4824
CMYK	0.72, 0.00, 0.43, 0.09
HSL	144°, 78%, 58%
HSV	144°, 72%, 91%
XYZ	35.2014, 60.5030, 31.6527
YIQ	170.6670, -67.4320, -66.5040

Conversions

Conversions Part 2

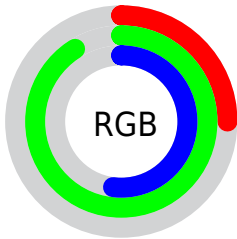
Format	Color
RYB	65, 184, 232
Decimal	4319364
CIELab	82.11, -63.82, 36.67
CIELCh	82, 73.606, 150.122
Yxy	60.5030, 0.2764, 0.4751
Android (android.graphics.Color)	4282509444 (0xFF41E884)
YUV	170.6670, -19.0628, -92.6700
Hunter-Lab	77.7837, -55.3402, 30.3215

Details

The Hex color **41E884** is a dark color, and the websafe version is hex **66FF99**. The color can be described as middle muted spring green. A complement of this color would be **E841A5**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **86FFBA**, and **00AF51** is the 20% darker color. If you saturate the color by 10%, you get **2AE876**, and if you desaturate by 10%, it is **58E892**.

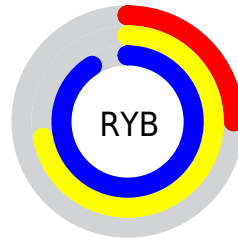
Distribution



Red (25%)

Green (91%)

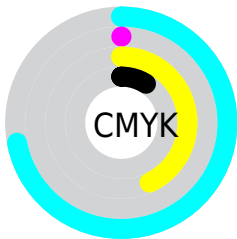
Blue (52%)



Red (25%)

Yellow (72%)

Blue (91%)

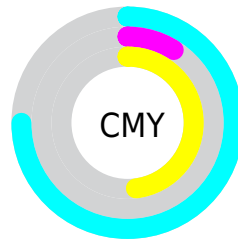


Cyan (72%)

Magenta (0%)

Yellow (43%)

Black (9%)



Cyan (75%)

Magenta (9%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color 41E884 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 41E884 by changing the saturation by 10% instead.

 41E884

 41E884

FFFFFF

 00CB6A

 86FFBA

 00AF51

 A5FFD6

 009338

 C4FFF3

 00781F

 E3FFFF

 005E03

 004500

 002D00

 000E00

 000000

 41E884

 41E884

 2AE876

 58E892

 13E868

 6FE8A0

 00E85D

 87E8AE

 9EE8BC

 B5E8C9

 CCE8D7

 E3E8E5

 FBE8F3

 FFE8FF

Harmonies

Analogous

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



ABDC4B



41E884



00EDCA

Triad

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



41E884



00D4FF



FF958B

Complementary

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



41E884



E841A5

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.



FF8CCF



41E884



CDBAFF

Square

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



41E884



00E5FF



FF9CFF



FFAF53

Rectangle

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



41E884



00EDFA



FF9CFF



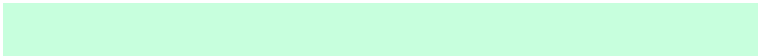
FF8FA1

Sweetspot

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



41E884



C7FFDD



A5E841



5E806C



000000



808080

Same Dimension

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



41E884



24FF7C



41E8D7



67736C



00B348



003314

Inverse Universe

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



E841A5



FF24A7



E84152



73676E



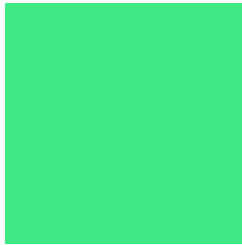
B3006B



33001F

Previews

White Background



This preview shows how the Hex color 41E884 looks on a white background.

Color Contrast Check

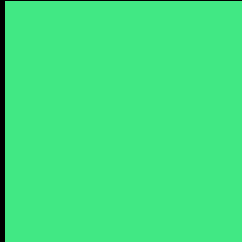
Large Text (above 18pt) WCAG AA × Fail

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 41E884 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

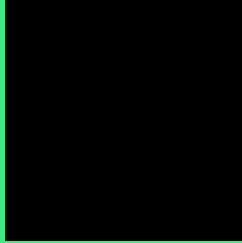
Any Text WCAG AA ✓ Pass

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 41E884 Background



This preview shows how black text looks on a background with the Hex color 41E884.

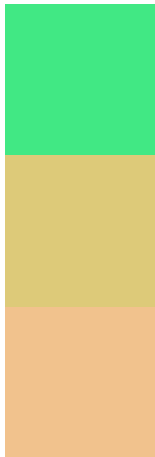


This preview shows how white text looks on a background with the Hex color 41E884.

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](#).

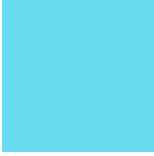
Dichromacy



Original Color
41E884

Protanopia
DDCA79

Deuteranopia
F1C28D



Tritanopia
68DCEE

Trichromacy



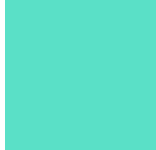
Original Color
41E884



Protanomaly
A4D57D



Deuteranomaly
B1D08A

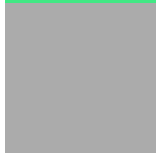


Tritanomaly
5AE0C7

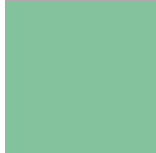
Monochromacy



Original Color
41E884



Achromatopsia
ABABAB



Achromatomaly
84C19D

CSS Examples

Text

The CSS property to change the color of the text to Hex 41E884 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 #41E884 looks like.

```
.text, #text, p{  
    color:#41E884  
}
```

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 #41E884 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #41E884
}
```

Border

The CSS property to change the border of an element to Hex 41E884 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
#41E884 }
```

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

```
.border{ border-color:#41E884 }
```

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

Here you see how a box with a 4 pixel #41E884 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #41E884; -webkit-box-shadow:4px 4px  
4px 4px #41E884; box-shadow:4px 4px 4px  
4px #41E884 }
```

Background

The CSS property to change the background color of an element to Hex 41E884 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#41E884 }
```

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

```
.background{ background-color:#41E884 }
```

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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