

Converting Colors

Hex(28EFA4)

Have a look what the booklet for
Hex(28EFA4) contains.

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Color

Hex(28EFA4)

Conversions

Conversions Part 1

Format	Color
Hex	28EFA4
RGB	40, 239, 164
RGB Percent	16%, 94%, 64%
CMY	0.8431, 0.0627, 0.3569
CMYK	0.83, 0.00, 0.31, 0.06
HSL	157°, 86%, 55%
HSV	157°, 83%, 94%
XYZ	38.4424, 64.8645, 45.6159
YIQ	170.9490, -94.5290, -65.5130

Conversions

Conversions Part 2

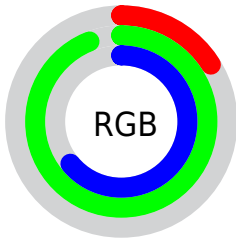
Format	Color
RYB	40, 163, 239
Decimal	2682788
CIELab	84.41, -63.05, 23.48
CIElCh	84, 67.280, 159.579
Yxy	64.8645, 0.2581, 0.4356
Android (android.graphics.Color)	4280872868 (0xFF28EFA4)
YUV	170.9490, -3.4259, -114.8423
Hunter-Lab	80.5385, -55.7412, 22.7959

Details

The Hex color **28EFA4** is a dark color, and the websafe version is hex **00FFCC**. The color can be described as middle washed spring green. A complement of this color would be **EF2873**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **79FFDB**, and **00B670** is the 20% darker color. If you saturate the color by 10%, you get **10EF9B**, and if you desaturate by 10%, it is **40EFAD**.

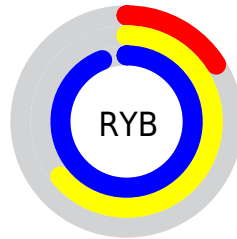
Distribution



Red (16%)

Green (94%)

Blue (64%)



Red (16%)

Yellow (64%)

Blue (94%)

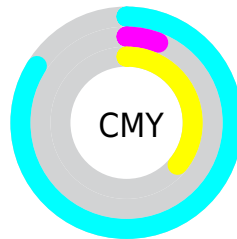


Cyan (83%)

Magenta (0%)

Yellow (31%)

Black (6%)



Cyan (84%)

Magenta (6%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 28EFA4 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 28EFA4 by changing the saturation by 10% instead.

 28EFA4

 28EFA4


FFFFFF

 00D289

 79FFDB

 00B670

 9AFFF8

 009A57

 BAFFFF

 007F3F

 DAFFFF

 006428

 F9FFFF

 004B12

 003400

 001800

 000000

 28EFA4

 28EFA4

 10EF9B

 40EFAD

 00EF95

 58EFB6

 70EFBF

 88EFC8

 9FEFD1

 B7EFDA

 CFEFE3

 E7EFEC

 FFEFF5

Harmonies

Analogous

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



9EE66C



28EFA4



00F2E6

Triad

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



28EFA4



83D3FF



FFA885

Complementary

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



28EFA4



EF2873

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.



FF9AC1



28EFA4



F1B9FF

Square

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



28EFA4



00E5FF



FFA2FF



FFC059

Rectangle

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



28EFA4



00F1FF



FFA2FF



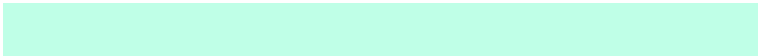
FFA198

Sweetspot

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



28EFA4



BFFFE7



74EF28



598071



000000



808080

Same Dimension

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



28EFA4



00FF9F



28D8EF



6C7873



00B872



003823

Inverse Universe

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



EF2873



FF0060



EF3F28



786C70



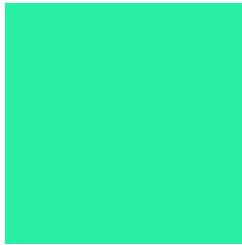
B80045



380015

Previews

White Background



This preview shows how the Hex color 28EFA4 looks on a white background.

Color Contrast Check

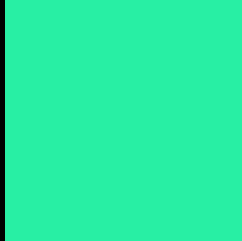
Large Text (above 18pt) WCAG AA × Fail

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 28EFA4 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 28EFA4 Background



This preview shows how black text looks on a background with the Hex color 28EFA4.

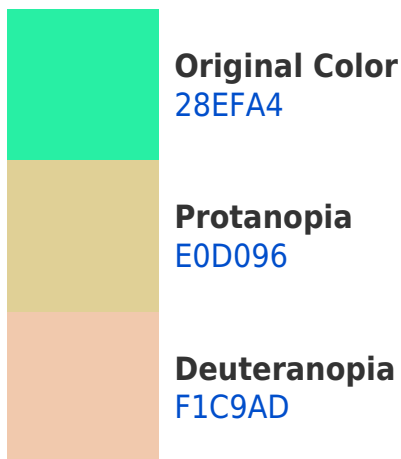


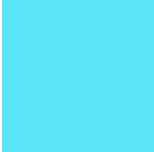
This preview shows how white text looks on a background with the Hex color 28EFA4.

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
59E5F7

Trichromacy



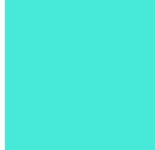
Original Color
28EFA4



Protanomaly
9DDB9B



Deuteranomaly
A8D7AA

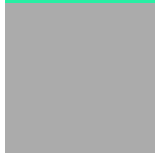


Tritanomaly
47E9D9

Monochromacy



Original Color
28EFA4



Achromatopsia
ABABAB



Achromatomaly
7BC4A8

CSS Examples

Text

The CSS property to change the color of the text to Hex 28EFA4 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 #28EFA4 looks like.

```
.text, #text, p{  
    color:#28EFA4  
}
```

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 #28EFA4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #28EFA4
}
```

Border

The CSS property to change the border of an element to Hex 28EFA4 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
#28EFA4 }
```

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

```
.border{ border-color:#28EFA4 }
```

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

Here you see how a box with a 4 pixel #28EFA4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #28EFA4; -webkit-box-shadow:4px 4px  
4px 4px #28EFA4; box-shadow:4px 4px 4px  
4px #28EFA4 }
```

Background

The CSS property to change the background color of an element to Hex 28EFA4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#28EFA4 }
```

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

```
.background{ background-color:#28EFA4 }
```

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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