

Converting Colors

Hex(28E6E6)

Have a look what the booklet for
Hex(28E6E6) contains.

Hex(28E6E6)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(28E6E6)

Conversions

Conversions Part 1

Format	Color
Hex	28E6E6
RGB	40, 230, 230
RGB Percent	16%, 90%, 90%
CMY	0.8431, 0.0980, 0.0980
CMYK	0.83, 0.00, 0.00, 0.10
HSL	180°, 79%, 53%
HSV	180°, 83%, 90%
XYZ	43.4548, 62.7579, 84.6861
YIQ	173.1900, -113.2400, -40.2800

Conversions

Conversions Part 2

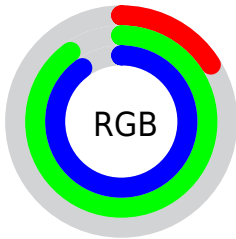
Format	Color
RYB	40, 135, 230
Decimal	2680550
CIELab	83.31, -42.90, -12.70
CIELCh	83, 44.735, 196.486
Yxy	62.7579, 0.2276, 0.3287
Android (android.graphics.Color)	4280870630 (0xFF28E6E6)
YUV	173.1900, 28.0073, -116.8076
Hunter-Lab	79.2199, -40.7215, -7.9271

Details

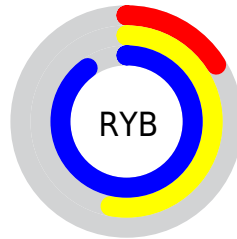
The Hex color **28E6E6** is a light color, and the websafe version is hex **33FFFF**. The color can be described as light washed cyan. A complement of this color would be **E62828**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **7CFFFF**, and **00AEAF** is the 20% darker color. If you saturate the color by 10%, you get **11E6E6**, and if you desaturate by 10%, it is **3FE6E6**.

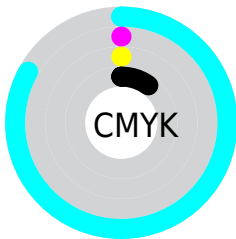
Distribution



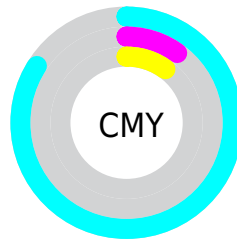
- Red (16%)
- Green (90%)
- Blue (90%)



- Red (16%)
- Yellow (53%)
- Blue (90%)



- Cyan (83%)
- Magenta (0%)
- Yellow (0%)
- Black (10%)



- Cyan (84%)
- Magenta (10%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Hex color 28E6E6 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 28E6E6 by changing the saturation by 10% instead.

 28E6E6

 28E6E6


FFFFFF

 00CACA

 7CFFFF

 00AEAF

 9DFFFF

 009394

 BDFFFF

 00787A

 DDFFFF

 005F61

 FDFFFF

 00464A


 002F33

 00151E

 000003

 28E6E6

 28E6E6

 11E6E6

 3FE6E6

 00E6E6

 56E6E6

 6DE6E6

 84E6E6

 9BE6E6

 B2E6E6

 C9E6E6

 E0E6E6

 F7E6E6

Harmonies

Analogous

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



6EE5BA



28E6E6



14E2FF

Triad

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



28E6E6



F1BCFF



FCC67E

Complementary

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



28E6E6



E62828

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.



FFB894



28E6E6



FFB1E4

Square

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



28E6E6



B8CCFF



FFAFBA



D4D47D

Rectangle

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



28E6E6



53DDFF



FFAFBA



FFC283

Sweetspot

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



28E6E6



BFFFFFF



28E628



598080



000000



808080

Same Dimension

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



28E6E6



03FFFF



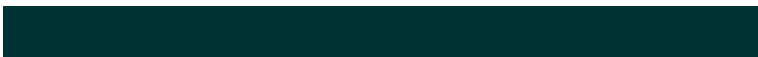
2887E6



677373



00B3B3



003333

Inverse Universe

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



E628E6



FF03FF



E68728



736773



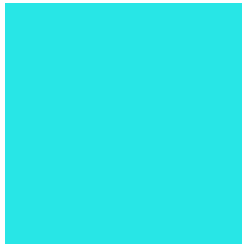
B300B3



330033

Previews

White Background



This preview shows how the Hex color 28E6E6 looks on a white background.

Color Contrast Check

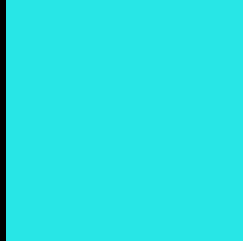
Large Text (above 18pt) WCAG AA × Fail

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 28E6E6 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

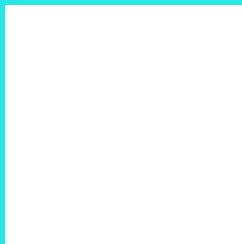
Any Text WCAG AAA ✓ Pass

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

Hex 28E6E6 Background



This preview shows how black text looks on a background with the Hex color 28E6E6.

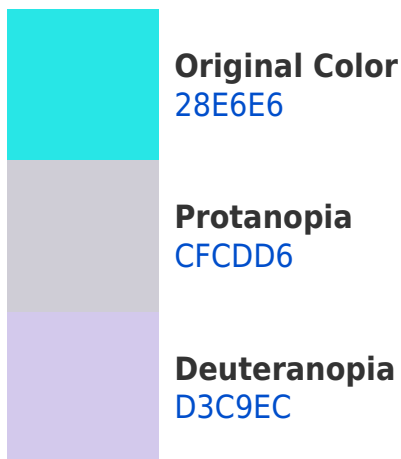


This preview shows how white text looks on a background with the Hex color 28E6E6.

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



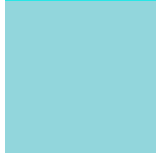


Tritanopia
38E4F6

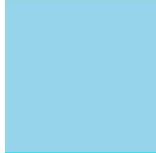
Trichromacy



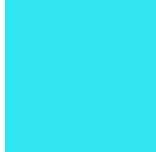
Original Color
28E6E6



Protanomaly
92D6DC

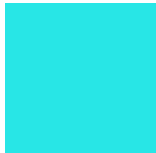


Deuteranomaly
95D4EA

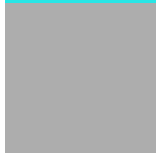


Tritanomaly
32E5F0

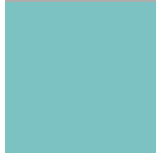
Monochromacy



Original Color
28E6E6



Achromatopsia
ADADAD



Achromatomaly
7DC2C2

CSS Examples

Text

The CSS property to change the color of the text to Hex 28E6E6 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 #28E6E6 looks like.

```
.text, #text, p{  
    color:#28E6E6  
}
```

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 #28E6E6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #28E6E6
}
```

Border

The CSS property to change the border of an element to Hex 28E6E6 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
#28E6E6 }
```

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

```
.border{ border-color:#28E6E6 }
```

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

Here you see how a box with a 4 pixel #28E6E6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #28E6E6; -webkit-box-shadow:4px 4px  
4px 4px #28E6E6; box-shadow:4px 4px 4px  
4px #28E6E6 }
```

Background

The CSS property to change the background color of an element to Hex 28E6E6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#28E6E6 }
```

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

```
.background{ background-color:#28E6E6 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor