

# Converting Colors

Hex(28E5C1)

Have a look what the booklet for  
Hex(28E5C1) contains.

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# Color

Hex(28E5C1)

# Conversions

## Conversions Part 1

Format	Color
Hex	28E5C1
RGB	40, 229, 193
RGB Percent	16%, 90%, 76%
CMY	0.8431, 0.1020, 0.2431
CMYK	0.83, 0.00, 0.16, 0.10
HSL	169°, 78%, 53%
HSV	169°, 83%, 90%
XYZ	38.5200, 60.3400, 60.0686
YIQ	168.3850, -101.0880, -51.2640

# Conversions

## Conversions Part 2

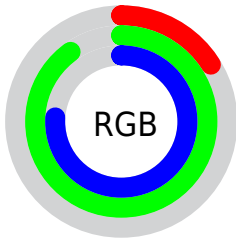
Format	Color
<a href="#">RYB</a>	<a href="#">40, 144, 229</a>
Decimal	<a href="#">2680257</a>
CIELab	<a href="#">82.02, -52.50, 4.97</a>
CIElCh	<a href="#">82, 52.731, 174.588</a>
Yxy	<a href="#">60.3400, 0.2424, 0.3797</a>
Android (android.graphics.Color)	<a href="#">4280870337 (0xFF28E5C1)</a>
YUV	<a href="#">168.3850, 12.1352, -112.5936</a>
Hunter-Lab	<a href="#">77.6788, -47.4219, 8.5265</a>

# Details

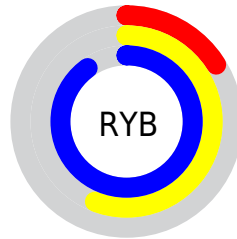
The Hex color **28E5C1** is a light color, and the websafe version is hex **66FFCC**. The color can be described as light washed cyan. A complement of this color would be **E5284C**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **79FFF9**, and **00AC8C** is the 20% darker color. If you saturate the color by 10%, you get **11E5BD**, and if you desaturate by 10%, it is **3FE5C5**.

# Distribution



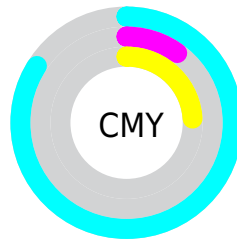
- Red (16%)
- Green (90%)
- Blue (76%)



- Red (16%)
- Yellow (56%)
- Blue (90%)



- Cyan (83%)
- Magenta (0%)
- Yellow (16%)
- Black (10%)



- Cyan (84%)
- Magenta (10%)
- Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 28E5C1 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 28E5C1 by changing the saturation by 10% instead.



 28E5C1

 28E5C1


FFFFFF

 00C8A6

 79FFF9

 00AC8C

 99FFFF

 009172

 B9FFFF

 00765A

 D8FFFF

 005D42

 F8FFFF

 00442C

 002E17

 000D00

 000000

■ 28E5C1

■ 28E5C1

■ 11E5BD

■ 3FE5C5

■ 00E5B9

■ 56E5CA

■ 6DE5CE

■ 84E5D2

■ 9BE5D7

■ B1E5DB

■ C8E5E0

■ DFE5E4

■ F6E5E8

# Harmonies

## Analogous

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



86E091



28E5C1



00E5F4

# Triad

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



28E5C1



C3C3FF



FFB47D

# Complementary

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



28E5C1



E5284C

# 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.



FFA6A5



28E5C1



FFB0FF

# Square

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



28E5C1



64D4FF



FFA4D7



F2C668

# Rectangle

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



28E5C1



00E2FF



FFA4D7



FFAF89

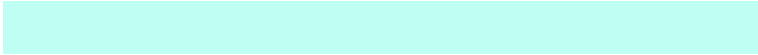


# Sweetspot

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



28E5C1



BFFFF3



4EE528



598078



000000

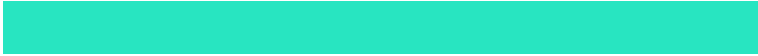


808080



# Same Dimension

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



28E5C1



03FFCF



28ACE5



677371



00B390



003329



# Inverse Universe

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



E5284C



FF0333



E56128



736769



B30022

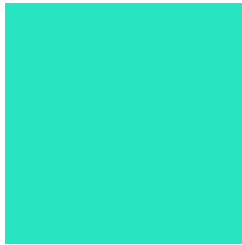


33000A



# Previews

## White Background



This preview shows how the Hex color 28E5C1 looks on a white background.

## Color Contrast Check

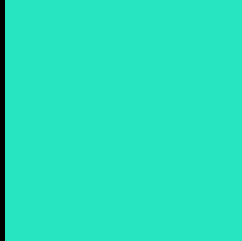
Large Text (above 18pt) WCAG AA × Fail

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 28E5C1 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

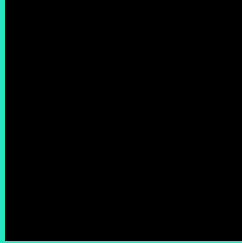
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 28E5C1 Background



This preview shows how black text looks on a background with the Hex color 28E5C1.

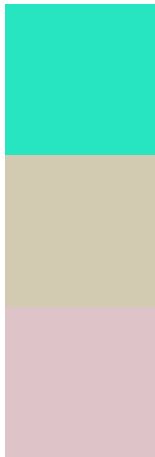


This preview shows how white text looks on a background with the Hex color 28E5C1.

# 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](#).

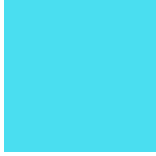
## Dichromacy



**Original Color**  
28E5C1

**Protanopia**  
D3CAB2

**Deuteranopia**  
DEC4C8

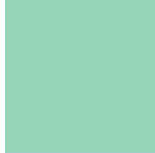


**Tritanopia**  
4ADEF0

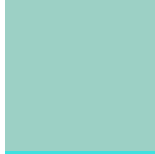
# Trichromacy



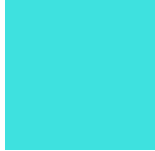
**Original Color**  
28E5C1



**Protanomaly**  
95D4B7



**Deuteranomaly**  
9CD0C5

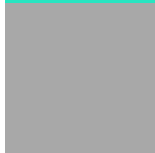


**Tritanomaly**  
3EE1DF

# Monochromacy



**Original Color**  
28E5C1



**Achromatopsia**  
A8A8A8



**Achromatomaly**  
79BEB1

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 28E5C1 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 #28E5C1 looks like.

```
.text, #text, p{  
    color:#28E5C1  
}
```

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 #28E5C1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #28E5C1
}
```

## Border

The CSS property to change the border of an element to Hex 28E5C1 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
#28E5C1 }
```

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

```
.border{ border-color:#28E5C1 }
```

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

Here you see how a box with a 4 pixel #28E5C1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #28E5C1; -webkit-box-shadow:4px 4px  
4px 4px #28E5C1; box-shadow:4px 4px 4px  
4px #28E5C1 }
```

# Background

The CSS property to change the background color of an element to Hex 28E5C1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#28E5C1 }
```

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

```
.background{ background-color:#28E5C1 }
```

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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