

Converting Colors

Hex(29E8C2)

Have a look what the booklet for
Hex(29E8C2) contains.

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Color

Hex(29E8C2)

Conversions

Conversions Part 1

Format	Color
Hex	29E8C2
RGB	41, 232, 194
RGB Percent	16%, 91%, 76%
CMY	0.8392, 0.0902, 0.2392
CMYK	0.82, 0.00, 0.16, 0.09
HSL	168°, 81%, 54%
HSV	168°, 82%, 91%
XYZ	39.5087, 62.0797, 60.9392
YIQ	170.5590, -101.6380, -52.3100

Conversions

Conversions Part 2

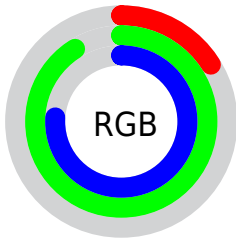
Format	Color
RYB	41, 147, 232
Decimal	2746562
CIELab	82.96, -53.38, 5.79
CIELCh	83, 53.693, 173.805
Yxy	62.0797, 0.2431, 0.3820
Android (android.graphics.Color)	4280936642 (0xFF29E8C2)
YUV	170.5590, 11.5564, -113.6232
Hunter-Lab	78.7907, -48.3769, 9.2967

Details

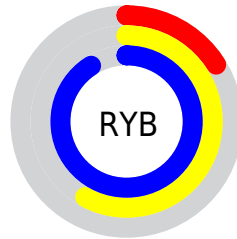
The Hex color **29E8C2** is a light color, and the websafe version is hex **66FFCC**. The color can be described as light washed cyan. A complement of this color would be **E8294F**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **7AFFFA**, and **00AF8C** is the 20% darker color. If you saturate the color by 10%, you get **12E8BD**, and if you desaturate by 10%, it is **40E8C7**.

Distribution



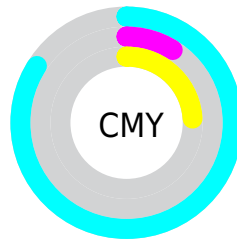
- Red (16%)
- Green (91%)
- Blue (76%)



- Red (16%)
- Yellow (58%)
- Blue (91%)



- Cyan (82%)
- Magenta (0%)
- Yellow (16%)
- Black (9%)



- Cyan (84%)
- Magenta (9%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 29E8C2 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 29E8C2 by changing the saturation by 10% instead.

 29E8C2

 29E8C2


FFFFFF

 00CBA7

 7AFFFA

 00AF8C

 9AFFFF

 009473

 BAFFFF

 00795A

 DAFFFF

 005F43

 F9FFFF

 00462D

 003018

 001200

 000000

■ 29E8C2

■ 29E8C2

■ 12E8BD

■ 40E8C7

■ 00E8BA

■ 57E8CB

■ 6FE8D0

■ 86E8D4

■ 9DE8D9

■ B4E8DE

■ CBE8E2

■ E3E8E7

■ FAE8EC

Harmonies

Analogous

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



89E391



29E8C2



00E8F6

Triad

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



29E8C2



C3C5FF



FFB67F

Complementary

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



29E8C2



E8294F

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.



FFA8A9



29E8C2



FFB2FF

Square

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



29E8C2



61D7FF



FFA6DB



F7C868

Rectangle

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



29E8C2



00E5FF



FFA6DB



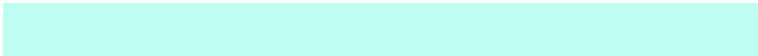
FFB08B

Sweetspot

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



29E8C2



BFFFF2



4FE829



598078



000000



808080

Same Dimension

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



29E8C2



03FFCD



29AFE8



677370



00B38F



003329

Inverse Universe

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



E8294F



FF0335



E86229



73676A



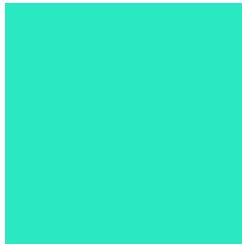
B30024



33000A

Previews

White Background



This preview shows how the Hex color 29E8C2 looks on a white background.

Color Contrast Check

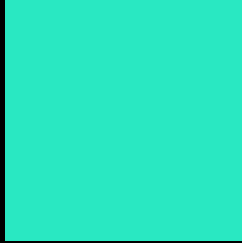
Large Text (above 18pt) WCAG AA × Fail

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 29E8C2 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

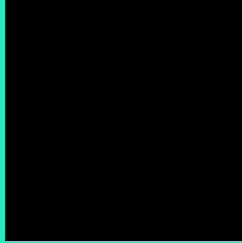
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

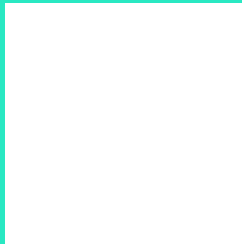
Any Text WCAG AAA ✓ Pass

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

Hex 29E8C2 Background



This preview shows how black text looks on a background with the Hex color 29E8C2.

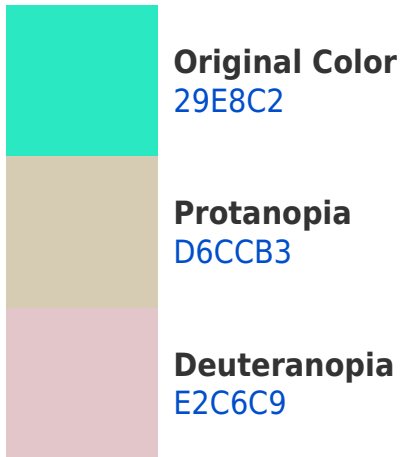


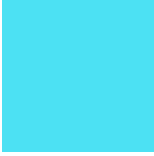
This preview shows how white text looks on a background with the Hex color 29E8C2.

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
4CE1F3

Trichromacy



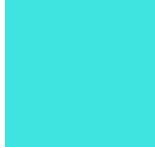
Original Color
29E8C2



Protanomaly
97D6B8



Deuteranomaly
9FD2C6

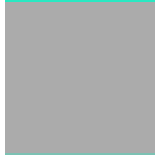


Tritanomaly
3FE4E1

Monochromacy



Original Color
29E8C2



Achromatopsia
ABABAB



Achromatomaly
7CC1B3

CSS Examples

Text

The CSS property to change the color of the text to Hex 29E8C2 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 #29E8C2 looks like.

```
.text, #text, p{  
    color:#29E8C2  
}
```

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 #29E8C2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #29E8C2
}
```

Border

The CSS property to change the border of an element to Hex 29E8C2 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
#29E8C2 }
```

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

```
.border{ border-color:#29E8C2 }
```

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

Here you see how a box with a 4 pixel #29E8C2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #29E8C2; -webkit-box-shadow:4px 4px  
4px 4px #29E8C2; box-shadow:4px 4px 4px  
4px #29E8C2 }
```

Background

The CSS property to change the background color of an element to Hex 29E8C2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#29E8C2 }
```

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

```
.background{ background-color:#29E8C2 }
```

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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