

Converting Colors

Hex(29ECB1)

Have a look what the booklet for
Hex(29ECB1) contains.

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Color

Hex(29ECB1)

Conversions

Conversions Part 1

Format	Color
Hex	29ECB1
RGB	41, 236, 177
RGB Percent	16%, 93%, 69%
CMY	0.8392, 0.0745, 0.3059
CMYK	0.83, 0.00, 0.25, 0.07
HSL	162°, 84%, 54%
HSV	162°, 83%, 93%
XYZ	38.8457, 63.6366, 51.8307
YIQ	170.9690, -97.2810, -59.6890

Conversions

Conversions Part 2

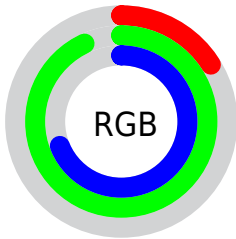
Format	Color
RYB	41, 156, 236
Decimal	2747569
CIELab	83.78, -59.01, 15.87
CIELCh	84, 61.111, 164.951
Yxy	63.6366, 0.2517, 0.4124
Android (android.graphics.Color)	4280937649 (0xFF29ECB1)
YUV	170.9690, 2.9733, -113.9828
Hunter-Lab	79.7726, -52.6804, 17.3183

Details

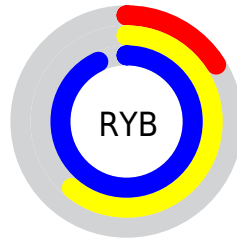
The Hex color **29ECB1** is a light color, and the websafe version is hex **33FFCC**. The color can be described as light washed spring green. A complement of this color would be **EC2964**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **7AFFE9**, and **00B37C** is the 20% darker color. If you saturate the color by 10%, you get **11ECAA**, and if you desaturate by 10%, it is **41ECB8**.

Distribution



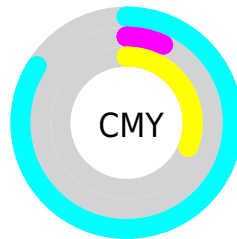
- Red (16%)
- Green (93%)
- Blue (69%)



- Red (16%)
- Yellow (61%)
- Blue (93%)



- Cyan (83%)
- Magenta (0%)
- Yellow (25%)
- Black (7%)



- Cyan (84%)
- Magenta (7%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 29ECB1 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 29ECB1 by changing the saturation by 10% instead.

 29ECB1

 29ECB1


FFFFFF

 00CF96

 7AFFE9

 00B37C

 9AFFFF

 009763

 BAFFFF

 007C4B

 DAFFFF

 006234

 F9FFFF

 00491F

 003208

 001600

 000000

 29ECB1

 29ECB1

 11ECAA

 41ECB8

 00ECA5

 58ECBF

 70ECC6

 87ECCE

 9FEC D5

 B7ECDC

 CEECE3

 E6ECEA

 FDECF1

Harmonies

Analogous

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



96E47C



29ECB1



00EEED

Triad

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



29ECB1



A3CDFE



FFAE82

Complementary

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



29ECB1



EC2964

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.



FFA0B6



29ECB1



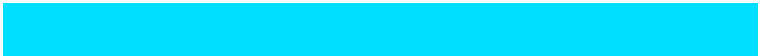
FAB6FF

Square

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



29ECB1



00DFFF



FFA4F0



FFC35F

Rectangle

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



29ECB1



00ECFF



FFA4F0



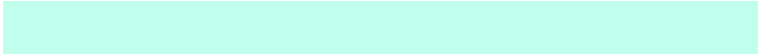
FFA892

Sweetspot

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



29ECB1



BFF FEC



67EC29



598074



000000



808080

Same Dimension

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



29ECB1



03FFB3



29C8EC



6A7572



00B57E



003625

Inverse Universe

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



EC2964



FF034F



EC4D29



756A6D



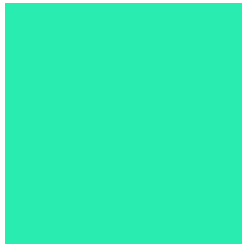
B50037



360010

Previews

White Background



This preview shows how the Hex color 29ECB1 looks on a white background.

Color Contrast Check

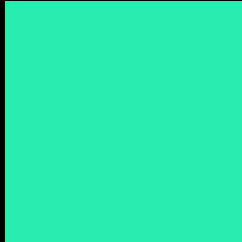
Large Text (above 18pt) WCAG AA × Fail

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 29ECB1 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

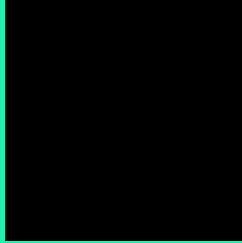
Any Text WCAG AA ✓ Pass

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 29ECB1 Background



This preview shows how black text looks on a background with the Hex color 29ECB1.

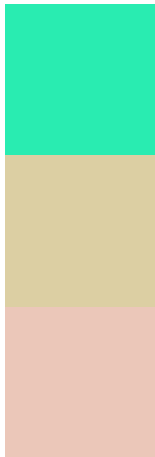


This preview shows how white text looks on a background with the Hex color 29ECB1.

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](#).

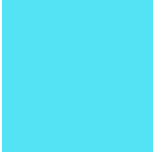
Dichromacy



Original Color
29ECB1

Protanopia
DCCFA3

Deuteranopia
EBC7B9



Tritanopia
54E3F5

Trichromacy



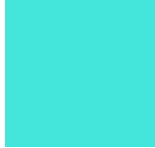
Original Color
29ECB1



Protanomaly
9BDAA8



Deuteranomaly
A4D4B6

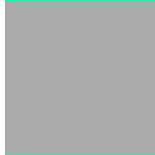


Tritanomaly
44E6DC

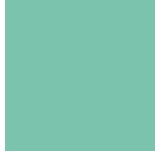
Monochromacy



Original Color
29ECB1



Achromatopsia
ABABAB



Achromatomaly
7CC3AD

CSS Examples

Text

The CSS property to change the color of the text to Hex 29ECB1 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 #29ECB1 looks like.

```
.text, #text, p{  
    color:#29ECB1  
}
```

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 #29ECB1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #29ECB1
}
```

Border

The CSS property to change the border of an element to Hex 29ECB1 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
#29ECB1 }
```

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

```
.border{ border-color:#29ECB1 }
```

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

Here you see how a box with a 4 pixel #29ECB1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #29ECB1; -webkit-box-shadow:4px 4px  
4px 4px #29ECB1; box-shadow:4px 4px 4px  
4px #29ECB1 }
```

Background

The CSS property to change the background color of an element to Hex 29ECB1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#29ECB1 }
```

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

```
.background{ background-color:#29ECB1 }
```

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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