

Converting Colors

Hex(29C9EC)

Have a look what the booklet for
Hex(29C9EC) contains.

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Color

Hex(29C9EC)

Conversions

Conversions Part 1

Format	Color
Hex	29C9EC
RGB	41, 201, 236
RGB Percent	16%, 79%, 93%
CMY	0.8392, 0.2118, 0.0745
CMYK	0.83, 0.15, 0.00, 0.07
HSL	191°, 84%, 54%
HSV	191°, 83%, 93%
XYZ	36.9414, 48.3008, 86.7329
YIQ	157.1500, -106.5950, -23.0350

Conversions

Conversions Part 2

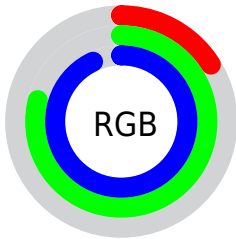
Format	Color
RYB	41, 129, 236
Decimal	2738668
CIELab	75.01, -27.41, -28.48
CIELCh	75, 39.527, 226.090
Yxy	48.3008, 0.2148, 0.2809
Android (android.graphics.Color)	4280928748 (0xFF29C9EC)
YUV	157.1500, 38.8731, -101.8635
Hunter-Lab	69.4988, -26.7429, -25.3434

Details

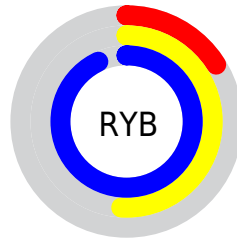
The Hex color **29C9EC** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light washed cyan. A complement of this color would be **EC4C29**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **7AFFFF**, and **0093B4** is the 20% darker color. If you saturate the color by 10%, you get **11C5EC**, and if you desaturate by 10%, it is **41CDEC**.

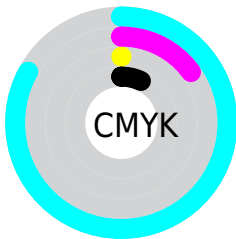
Distribution



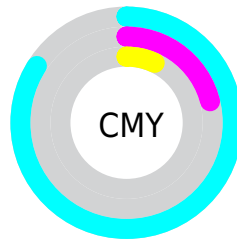
- Red (16%)
- Green (79%)
- Blue (93%)



- Red (16%)
- Yellow (51%)
- Blue (93%)



- Cyan (83%)
- Magenta (15%)
- Yellow (0%)
- Black (7%)



- Cyan (84%)
- Magenta (21%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color 29C9EC 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 29C9EC by changing the saturation by 10% instead.

 29C9EC

 29C9EC

FFFFFF

 00ADD0

 7AFFFF

 0093B4

 9AFFFF

 007999

 BAFFFF

 00607F

 D9FFFF

 004766

 F9FFFF

 00304E

 001C37

 000221

 000006

■ 29C9EC

■ 29C9EC

■ 11C5EC

■ 41CDEC

■ 00C2EC

■ 58D1EC

■ 70D6EC

■ 87DAEC

■ 9FDEEC

■ B7E2EC

■ CEE7EC

■ E6EBEC

■ FDEFEC

Harmonies

Analogous

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



33CCCC



29C9EC



67C1FF

Triad

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



29C9EC



F59ECB



BDBD72

Complementary

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



29C9EC



EC4C29

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.



E0B172



29C9EC



FF9DA6

Square

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



29C9EC



D5A8EB



F8A486



94C685

Rectangle

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



29C9EC



90BAFF



F8A486



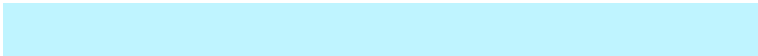
CAB96F

Sweetspot

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



29C9EC



BFF4FF



29EC49



597980



000000



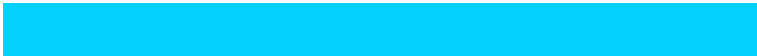
808080

Same Dimension

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



29C9EC



03D2FF



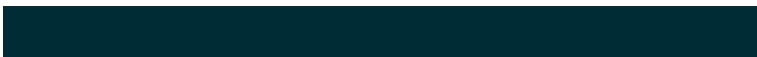
296AEC



6A7375



0095B5



002C36

Inverse Universe

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



EC29C9



FF03D2



ECAB29



756A73



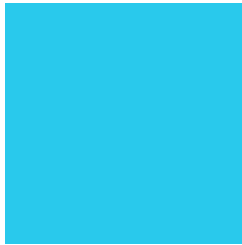
B50095



36002C

Previews

White Background



This preview shows how the Hex color 29C9EC looks on a white background.

Color Contrast Check

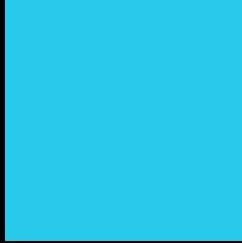
Large Text (above 18pt) WCAG AA × Fail

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 29C9EC 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 29C9EC Background



This preview shows how black text looks on a background with the Hex color 29C9EC.

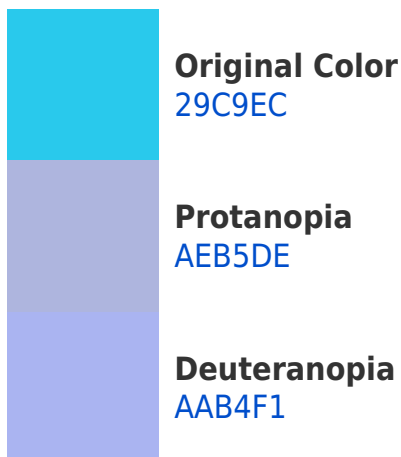


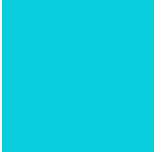
This preview shows how white text looks on a background with the Hex color 29C9EC.

Color Blindness Simulation

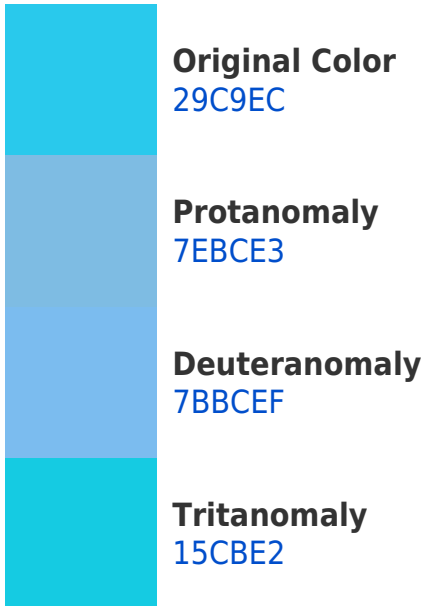
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

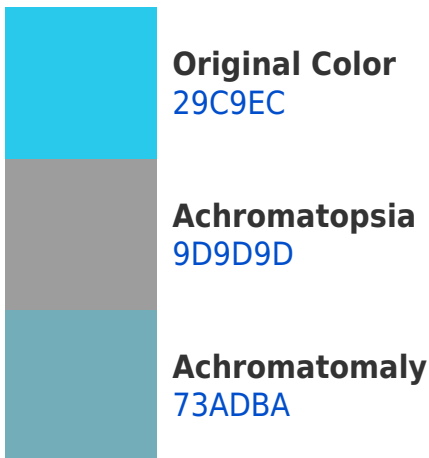




Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 29C9EC 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 #29C9EC looks like.

```
.text, #text, p{  
    color:#29C9EC  
}
```

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 #29C9EC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #29C9EC  
}
```

Border

The CSS property to change the border of an element to Hex 29C9EC 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  
#29C9EC }
```

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

```
.border{ border-color:#29C9EC }
```

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

Here you see how a box with a 4 pixel #29C9EC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #29C9EC; -webkit-box-shadow:4px 4px  
4px 4px #29C9EC; box-shadow:4px 4px 4px  
4px #29C9EC }
```

Background

The CSS property to change the background color of an element to Hex 29C9EC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#29C9EC }
```

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

```
.background{ background-color:#29C9EC }
```

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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