

Converting Colors

Hex(29C2E8)

Have a look what the booklet for
Hex(29C2E8) contains.

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Color

Hex(29C2E8)

Conversions

Conversions Part 1

Format	Color
Hex	29C2E8
RGB	41, 194, 232
RGB Percent	16%, 76%, 91%
CMY	0.8392, 0.2392, 0.0902
CMYK	0.82, 0.16, 0.00, 0.09
HSL	192°, 81%, 54%
HSV	192°, 82%, 91%
XYZ	34.7717, 44.8812, 83.1742
YIQ	152.5850, -103.3860, -20.6180

Conversions

Conversions Part 2

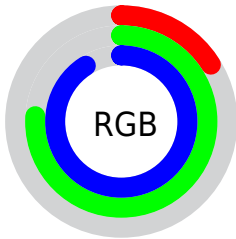
Format	Color
R_{YB}	41, 126, 232
Decimal	2736872
CIE _{Lab}	72.81, -25.22, -29.70
CIE _{LCh}	73, 38.960, 229.668
Yxy	44.8812, 0.2135, 0.2756
Android (android.graphics.Color)	4280926952 (0xFF29C2E8)
YUV	152.5850, 39.1516, -97.8600
Hunter-Lab	66.9934, -24.5913, -26.7148

Details

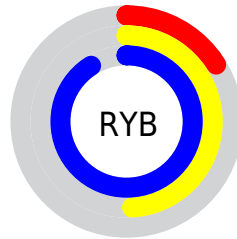
The Hex color **29C2E8** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light washed cyan. A complement of this color would be **E84F29**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **78FBFF**, and **008CB0** is the 20% darker color. If you saturate the color by 10%, you get **12BDE8**, and if you desaturate by 10%, it is **40C7E8**.

Distribution



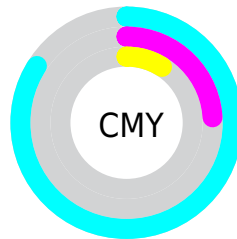
- Red (16%)
- Green (76%)
- Blue (91%)



- Red (16%)
- Yellow (49%)
- Blue (91%)



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



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

Brightness & Saturation Gradients

These gradients show how the Hex color 29C2E8 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 29C2E8 by changing the saturation by 10% instead.

 29C2E8

 29C2E8

FFFFFF

 00A7CC

 78FBFF

 008CB0

 99FFFF

 007295

 B8FFFF

 005A7C

 D7FFFF

 004262

 F7FFFF

 002B4A

 001434

 00021E

 000000

■ 29C2E8

■ 29C2E8

■ 12BDE8

■ 40C7E8

■ 00BAE8

■ 57CBE8

■ 6FD0E8

■ 86D4E8

■ 9DD9E8

■ B4DEE8

■ CBE2E8

■ E3E7E8

■ FAECE8

Harmonies

Analogous

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



27C6C9



29C2E8



69BAF8

Triad

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



29C2E8



F098C1



B3B86E

Complementary

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



29C2E8



E84F29

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.



D5AC6C



29C2E8



F8989C

Square

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



29C2E8



D4A1E1



EEA07E



8AC083

Rectangle

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



29C2E8



92B2F9



EEA07E



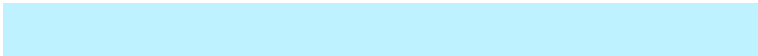
BFB46B

Sweetspot

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



29C2E8



BFF2FF



29E84C



597880



000000



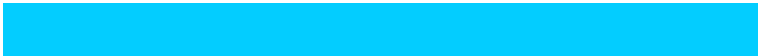
808080

Same Dimension

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



29C2E8



03CDFF



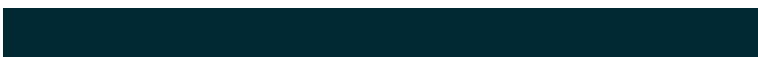
2965E8



677073



008FB3



002933

Inverse Universe

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



E829C2



FF03CD



E8AC29



736770



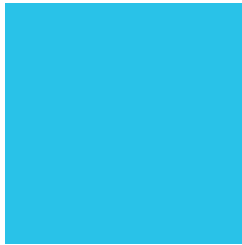
B3008F



330029

Previews

White Background



This preview shows how the Hex color 29C2E8 looks on a white background.

Color Contrast Check

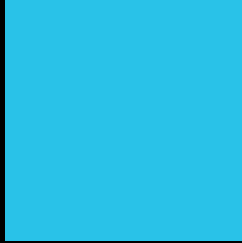
Large Text (above 18pt) WCAG AA × Fail

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 29C2E8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

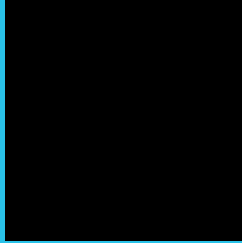
Any Text WCAG AA ✓ Pass

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 29C2E8 Background



This preview shows how black text looks on a background with the Hex color 29C2E8.

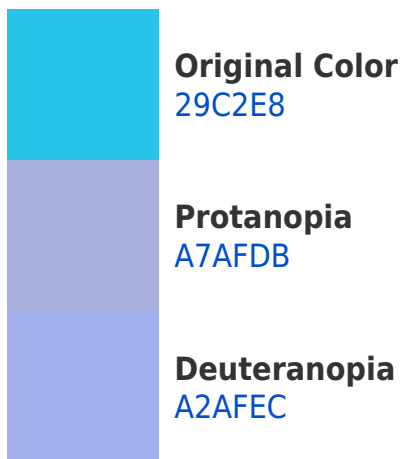


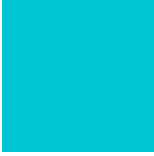
This preview shows how white text looks on a background with the Hex color 29C2E8.

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](#).

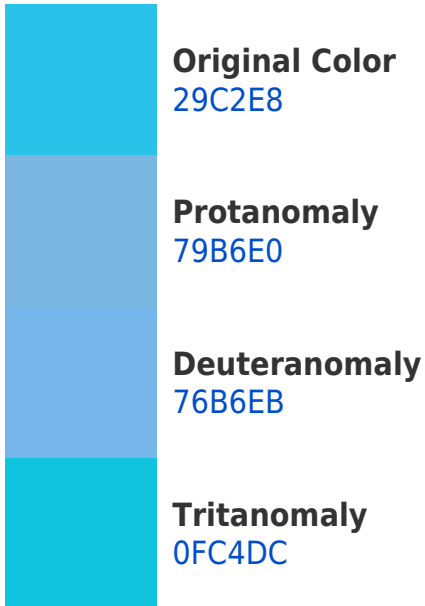
Dichromacy





Tritanopia
00C5D5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 29C2E8 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 #29C2E8 looks like.

```
.text, #text, p{  
    color:#29C2E8  
}
```

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 #29C2E8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #29C2E8
}
```

Border

The CSS property to change the border of an element to Hex 29C2E8 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
#29C2E8 }
```

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

```
.border{ border-color:#29C2E8 }
```

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

Here you see how a box with a 4 pixel #29C2E8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #29C2E8; -webkit-box-shadow:4px 4px  
4px 4px #29C2E8; box-shadow:4px 4px 4px  
4px #29C2E8 }
```

Background

The CSS property to change the background color of an element to Hex 29C2E8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#29C2E8 }
```

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

```
.background{ background-color:#29C2E8 }
```

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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