

# Converting Colors

Hex(29E6ED)

Have a look what the booklet for  
Hex(29E6ED) contains.

<b>Hex(29E6ED)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(29E6ED)**

# Conversions

## Conversions Part 1

Format	Color
Hex	29E6ED
RGB	41, 230, 237
RGB Percent	16%, 90%, 93%
CMY	0.8392, 0.0980, 0.0706
CMYK	0.83, 0.03, 0.00, 0.07
HSL	182°, 84%, 55%
HSV	182°, 83%, 93%
XYZ	44.4973, 63.1795, 89.9704
YIQ	174.2870, -114.8910, -37.8910

# Conversions

## Conversions Part 2

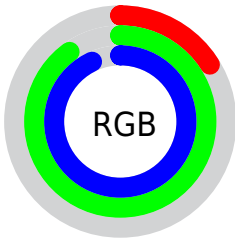
<b>Format</b>	<b>Color</b>
<b>RYB</b>	41, 137, 237
Decimal	2746093
CIELab	83.54, -40.80, -16.06
CIELCh	84, 43.844, 201.490
Yxy	63.1795, 0.2251, 0.3197
Android (android.graphics.Color)	4280936173 (0xFF29E6ED)
YUV	174.2870, 30.9175, -116.8927
Hunter-Lab	79.4855, -39.1723, -11.4710

# Details

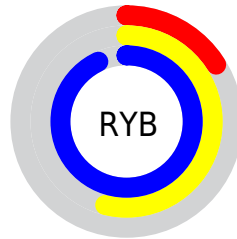
The Hex color **29E6ED** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light washed cyan. A complement of this color would be **ED3029**, and the grayscale version is **AEAFAE**.

A 20% lighter version of the original color is **7DFFFF**, and **00AEB5** is the 20% darker color. If you saturate the color by 10%, you get **11E5ED**, and if you desaturate by 10%, it is **41E7ED**.

# Distribution



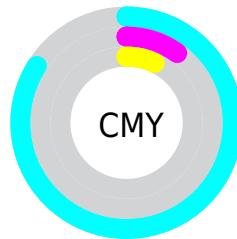
- Red (16%)
- Green (90%)
- Blue (93%)



- Red (16%)
- Yellow (54%)
- Blue (93%)



- Cyan (83%)
- Magenta (3%)
- Yellow (0%)
- Black (7%)



- Cyan (84%)
- Magenta (10%)
- Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 29E6ED 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 29E6ED by changing the saturation by 10% instead.



 29E6ED

 29E6ED

FFFFFF

 00CAD1

 7DFFFF

 00AEB5

 9EFFFF

 00939A

 BFFFFFF

 007880

 DFFFFFF

 005F67

 00464F

 002F38

 001623

 00000C

 29E6ED

 29E6ED

 11E5ED

 41E7ED

 00E5ED

 58E8ED

 70E9ED

 88E9ED

 A0EAED

 B7EBED

 CFECED

 E7EDED

 FEEEDD

# Harmonies

## Analogous

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



67E6C3



29E6ED



34E2FF

# Triad

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



29E6ED



F9BBFF



F6CA7E

# Complementary

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



29E6ED



ED3029

# 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.



FFBB91



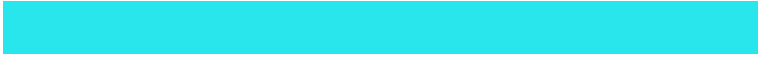
29E6ED



FFB1DE

# Square

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



29E6ED



C4CAFF



FFB1B4



CDD782

# Rectangle

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



29E6ED



66DCFF



FFB1B4



FFC582



# Sweetspot

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



29E6ED



BFFDFF



29ED30



597E80



000000



808080



# Same Dimension

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



29E6ED



03F6FF



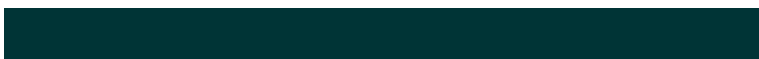
2984ED



6A7575



00AFB5



003436



# Inverse Universe

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



ED29E6



FF03F6



ED9229



756A75



B500AF

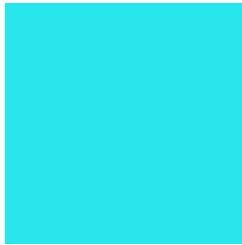


360034



# Previews

## White Background



This preview shows how the Hex color 29E6ED looks on a white background.

## Color Contrast Check

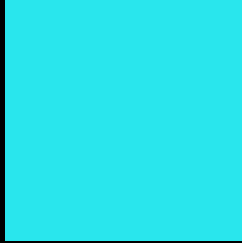
Large Text (above 18pt) WCAG AA × Fail

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 29E6ED looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

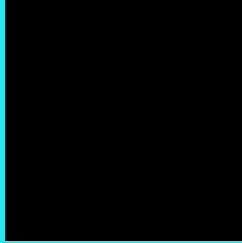
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 29E6ED Background



This preview shows how black text looks on a background with the Hex color 29E6ED.

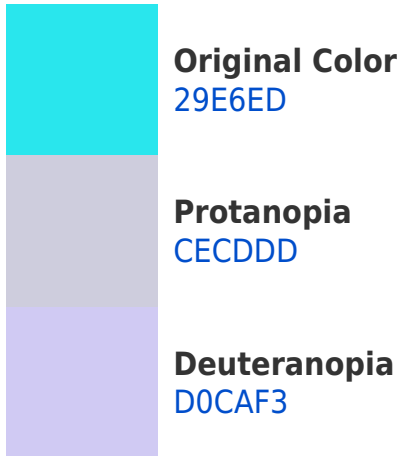


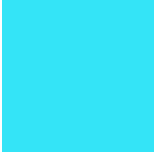
This preview shows how white text looks on a background with the Hex color 29E6ED.

# 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](#).

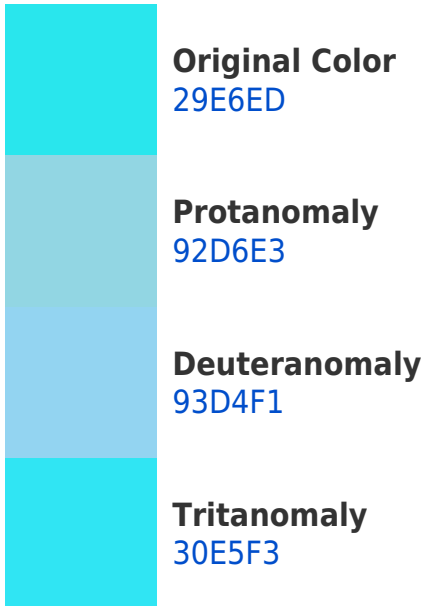
## Dichromacy



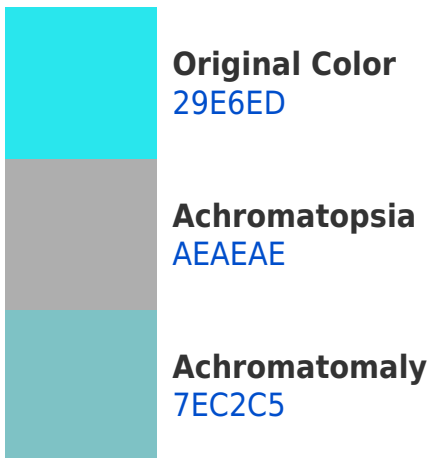


**Tritanopia**  
34E4F7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 29E6ED 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 #29E6ED looks like.

```
.text, #text, p{  
    color:#29E6ED  
}
```

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 #29E6ED colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #29E6ED
}
```

## Border

The CSS property to change the border of an element to Hex 29E6ED 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
#29E6ED }
```

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

```
.border{ border-color:#29E6ED }
```

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

Here you see how a box with a 4 pixel #29E6ED colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #29E6ED; -webkit-box-shadow:4px 4px  
4px 4px #29E6ED; box-shadow:4px 4px 4px  
4px #29E6ED }
```

# Background

The CSS property to change the background color of an element to Hex 29E6ED is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#29E6ED }
```

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

```
.background{ background-color:#29E6ED }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor