

Converting Colors

Hex(28EED5)

Have a look what the booklet for
Hex(28EED5) contains.

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Color

Hex(28EED5)

Conversions

Conversions Part 1

Format	Color
Hex	28EED5
RGB	40, 238, 213
RGB Percent	16%, 93%, 84%
CMY	0.8431, 0.0667, 0.1647
CMYK	0.83, 0.00, 0.11, 0.07
HSL	172°, 85%, 55%
HSV	172°, 83%, 93%
XYZ	43.4598, 66.4043, 73.4775
YIQ	175.9480, -109.9830, -49.7510

Conversions

Conversions Part 2

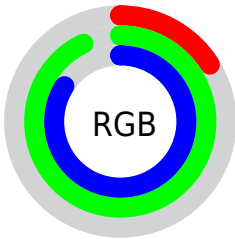
Format	Color
RYB	40, 146, 238
Decimal	2682581
CIELab	85.20, -51.02, -0.94
CIELCh	85, 51.025, 181.055
Yxy	66.4043, 0.2370, 0.3622
Android (android.graphics.Color)	4280872661 (0xFF28EED5)
YUV	175.9480, 18.2666, -119.2264
Hunter-Lab	81.4888, -47.4073, 3.5811

Details

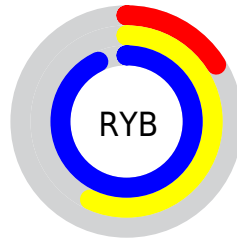
The Hex color **28EED5** is a light color, and the websafe version is hex **66FFCC**. The color can be described as light washed cyan. A complement of this color would be **EE2841**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **7CFFFF**, and **00B59E** is the 20% darker color. If you saturate the color by 10%, you get **10EED2**, and if you desaturate by 10%, it is **40EED8**.

Distribution



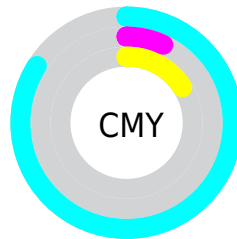
- Red (16%)
- Green (93%)
- Blue (84%)



- Red (16%)
- Yellow (57%)
- Blue (93%)



- Cyan (83%)
- Magenta (0%)
- Yellow (11%)
- Black (7%)



- Cyan (84%)
- Magenta (7%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 28EED5 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 28EED5 by changing the saturation by 10% instead.

 28EED5

 28EED5

FFFFFF

 00D1B9

 7CFFFF

 00B59E

 9DFFFF

 009A84

 BDFFFF

 007F6B

 DDFFFF

 006553

 FDFFFF

 004B3C

 003426

 001B12

 000000

 28EED5

 28EED5

 10EED2

 40EED8

 00EED0

 58EEDB

 6FEEDE

 87EEE1

 9FEEE4

 B7EEE7

 CFEEEA

 E6EEED

 FEEEF0

Harmonies

Analogous

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



84EAA4



28EED5



00EDFF

Triad

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



28EED5



DCC8FF



FFC281

Complementary

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



28EED5



EE2841

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.



FFB3A6



28EED5



FFB7FF

Square

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



28EED5



8BD9FF



FFAED5



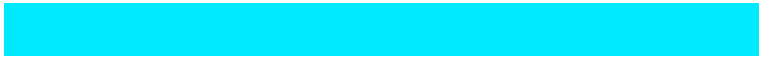
F1D373

Rectangle

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



28EED5



00E9FF



FFAED5



FFBC8C

Sweetspot

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



28EED5



BFFFF7



42EE28



59807B



000000



808080

Same Dimension

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



28EED5



00FFDF



28A5EE



6C7876



00B8A0



003831

Inverse Universe

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



EE2841



FF0020



EE7128



786C6D



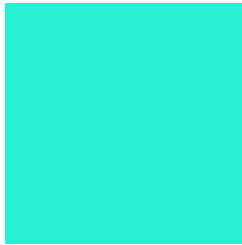
B80017



380007

Previews

White Background



This preview shows how the Hex color 28EED5 looks on a white background.

Color Contrast Check

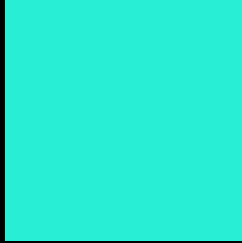
Large Text (above 18pt) WCAG AA × Fail

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 28EED5 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

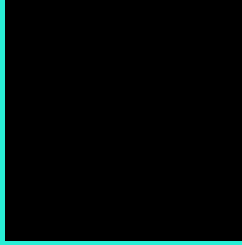
Any Text WCAG AA ✓ Pass

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 28EED5 Background



This preview shows how black text looks on a background with the Hex color 28EED5.

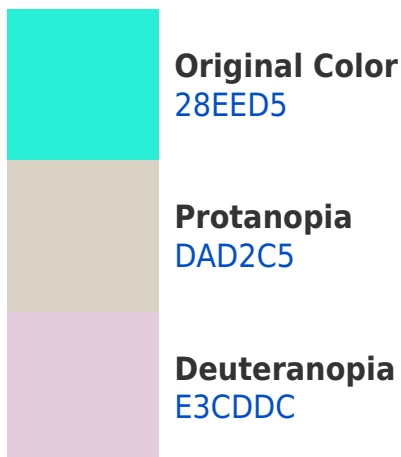


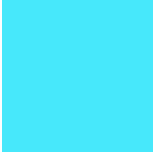
This preview shows how white text looks on a background with the Hex color 28EED5.

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



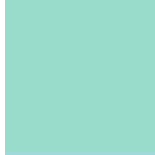


Tritanopia
47E8FB

Trichromacy



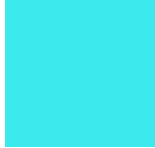
Original Color
28EED5



Protanomaly
99DCCB



Deuteranomaly
9FD9D9

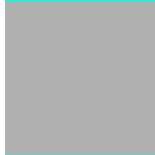


Tritanomaly
3CEAED

Monochromacy



Original Color
28EED5



Achromatopsia
B0B0B0



Achromatomaly
7FC7BD

CSS Examples

Text

The CSS property to change the color of the text to Hex 28EED5 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 #28EED5 looks like.

```
.text, #text, p{  
    color:#28EED5  
}
```

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 #28EED5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #28EED5
}
```

Border

The CSS property to change the border of an element to Hex 28EED5 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
#28EED5 }
```

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

```
.border{ border-color:#28EED5 }
```

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

Here you see how a box with a 4 pixel #28EED5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #28EED5; -webkit-box-shadow:4px 4px  
4px 4px #28EED5; box-shadow:4px 4px 4px  
4px #28EED5 }
```

Background

The CSS property to change the background color of an element to Hex 28EED5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#28EED5 }
```

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

```
.background{ background-color:#28EED5 }
```

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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