

Converting Colors

Hex(28DEF7)

Have a look what the booklet for
Hex(28DEF7) contains.

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Color

Hex(28DEF7)

Conversions

Conversions Part 1

Format	Color
Hex	28DEF7
RGB	40, 222, 247
RGB Percent	16%, 87%, 97%
CMY	0.8431, 0.1294, 0.0314
CMYK	0.84, 0.10, 0.00, 0.03
HSL	187°, 93%, 56%
HSV	187°, 84%, 97%
XYZ	43.7848, 59.4091, 97.1551
YIQ	170.4320, -116.4970, -30.8090

Conversions

Conversions Part 2

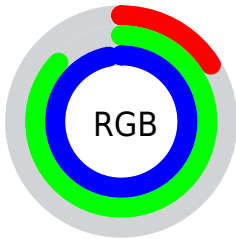
Format	Color
R _Y B	40, 137, 247
Decimal	2678519
CIE Lab	81.52, -34.17, -24.41
CIE LCh	82, 41.995, 215.546
Yxy	59.4091, 0.2185, 0.2965
Android (android.graphics.Color)	4280868599 (0xFF28DEF7)
YUV	170.4320, 37.7480, -114.3889
Hunter-Lab	77.0773, -33.4858, -20.7803

Details

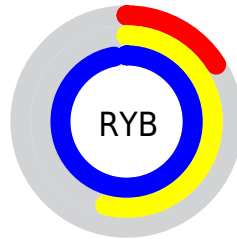
The Hex color **28DEF7** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light washed cyan. A complement of this color would be **F74128**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **7DFFFF**, and **00A6BF** is the 20% darker color. If you saturate the color by 10%, you get **0FDBF7**, and if you desaturate by 10%, it is **41E1F7**.

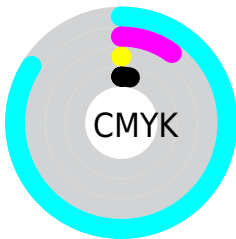
Distribution



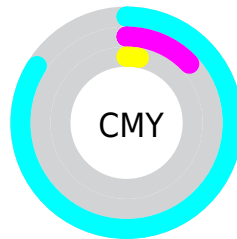
- Red (16%)
- Green (87%)
- Blue (97%)



- Red (16%)
- Yellow (54%)
- Blue (97%)



- Cyan (84%)
- Magenta (10%)
- Yellow (0%)
- Black (3%)



- Cyan (84%)
- Magenta (13%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Hex color 28DEF7 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 28DEF7 by changing the saturation by 10% instead.

 28DEF7

 28DEF7

FFFFFF

 00C2DA

 7DFFFF

 00A6BF

 9EFFFF

 008CA3

 BFFFFFF

 007289

 DFFFFFF

 005970

 004157

 002A40

 000D2A

 000114

 28DEF7

 28DEF7

 0FDBF7

 41E1F7

 00D9F7

 59E4F7

 72E7F7

 8BEAF7

 A3EDF7

 BCF0F7

 D5F3F7

 EE6F7

 FFF9F7

Harmonies

Analogous

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



4EE0D1



28DEF7



5AD7FF

Triad

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



28DEF7



FFB1EC



DECB7B

Complementary

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



28DEF7



F74128

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.



FFBD84



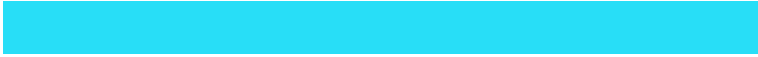
28DEF7



FFACC5

Square

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



28DEF7



D9BEFF



FFB19F



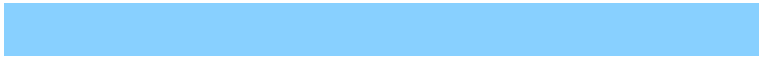
B3D689

Rectangle

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



28DEF7



88D0FF



FFB19F



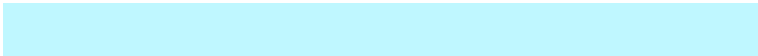
EAC67C

Sweetspot

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



28DEF7



BFF7FF



28F740



597B80



000000



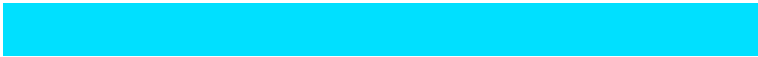
808080

Same Dimension

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



28DEF7



00E0FF



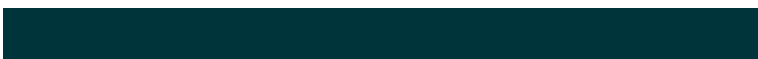
2877F7



6E797A



00A4BA



00343B

Inverse Universe

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



F728DE



FF00E0



F7A828



7A6E79



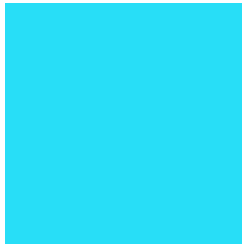
BA00A4



3B0034

Previews

White Background



This preview shows how the Hex color 28DEF7 looks on a white background.

Color Contrast Check

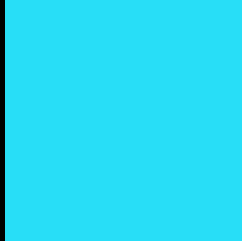
Large Text (above 18pt) WCAG AA × Fail

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 28DEF7 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

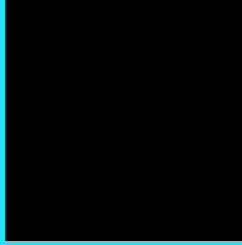
Any Text WCAG AA ✓ Pass

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 28DEF7 Background



This preview shows how black text looks on a background with the Hex color 28DEF7.

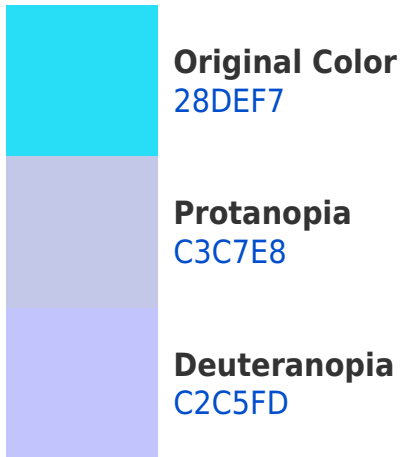


This preview shows how white text looks on a background with the Hex color 28DEF7.

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
1FDFF1

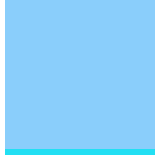
Trichromacy



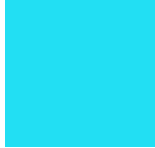
Original Color
28DEF7



Protanomaly
8BCFED



Deuteranomaly
8ACEFB

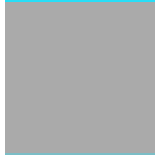


Tritanomaly
22DFF3

Monochromacy



Original Color
28DEF7



Achromatopsia
AAAAAA



Achromatomaly
7BBDC6

CSS Examples

Text

The CSS property to change the color of the text to Hex 28DEF7 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 #28DEF7 looks like.

```
.text, #text, p{  
    color:#28DEF7  
}
```

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 #28DEF7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #28DEF7
}
```

Border

The CSS property to change the border of an element to Hex 28DEF7 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
#28DEF7 }
```

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

```
.border{ border-color:#28DEF7 }
```

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

Here you see how a box with a 4 pixel #28DEF7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #28DEF7; -webkit-box-shadow:4px 4px  
4px 4px #28DEF7; box-shadow:4px 4px 4px  
4px #28DEF7 }
```

Background

The CSS property to change the background color of an element to Hex 28DEF7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#28DEF7 }
```

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

```
.background{ background-color:#28DEF7 }
```

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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