

Converting Colors

Hex(2DDCEE)

Have a look what the booklet for
Hex(2DDCEE) contains.

Hex(2DDCEE)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(2DDCEE)

Conversions

Conversions Part 1	
Format	Color
Hex	2DDCEE
RGB	45, 220, 238
RGB Percent	18%, 86%, 93%
CMY	0.8235, 0.1373, 0.0667
CMYK	0.81, 0.08, 0.00, 0.07
HSL	186°, 85%, 55%
HSV	186°, 81%, 93%
XYZ	42.1080, 57.9173, 89.8488
YIQ	169.7270, -110.0780, -31.5020

Conversions

Conversions Part 2

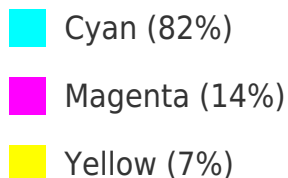
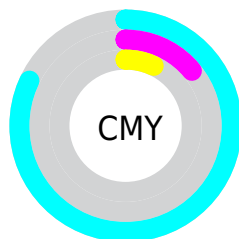
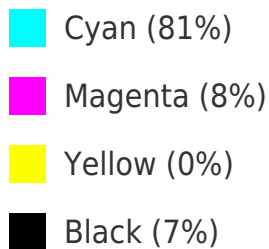
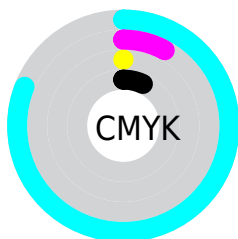
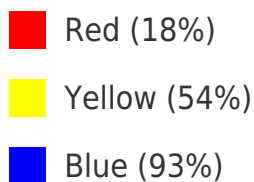
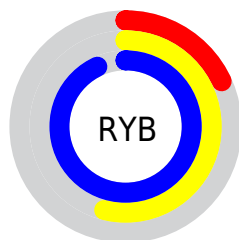
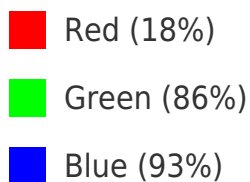
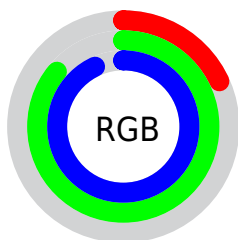
Format	Color
RYB	45, 137, 238
Decimal	3005678
CIELab	80.69, -35.62, -20.88
CIELCh	81, 41.285, 210.382
Yxy	57.9173, 0.2218, 0.3050
Android (android.graphics.Color)	4281195758 (0xFF2DDCEE)
YUV	169.7270, 33.6586, -109.3856
Hunter-Lab	76.1034, -34.4170, -16.7262

Details

The Hex color **2DDCEE** 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 **EE3F2D**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **7EFFFF**, and **00A4B6** is the 20% darker color. If you saturate the color by 10%, you get **15DAEE**, and if you desaturate by 10%, it is **45DEEE**.

Distribution



Brightness & Saturation Gradients

These gradients show how the Hex color 2DDCEE 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 2DDCEE by changing the saturation by 10% instead.



2DDCEE



2DDCEE

FFFFFF



00C0D2



7EFFFF



00A4B6



9FFFFFF



008A9B



BFFFFFF



007081



DEFFFF



005768

FEFFFF



003F50



002939



000724



00000C

 2DDCEE

 2DDCEE

 15DAEE

 45DEEE

 00D8EE

 5DE0EE

 74E3EE

 8CE5EE

 A4E7EE

 BCE9EE

 D4ECEE

 EBEEEE

 FFF0EE

Harmonies

Analogous

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



58DDC7



2DDCEE



50D6FF

Triad

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



2DDCEE



F9B1EF



E1C67A

Complementary

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



2DDCEE



EE3F2D

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.



FFB986



2DDCEE



FFAAC9

Square

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



2DDCEE



CDBEFF



FFAEA3



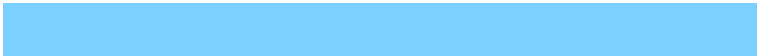
B9D284

Rectangle

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



2DDCEE



7CD0FF



FFAEA3



EDC27C

Sweetspot

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



2DDCEE



C2F9FF



2DEE3D



5B7C80



000000



808080

Same Dimension

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



2DDCEE



08E8FF



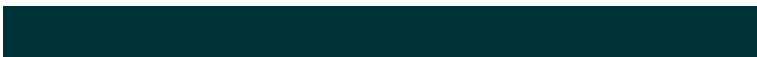
2D7DEE



6C7778



00A6B8



003338

Inverse Universe

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



EE2DDC



FF08E8



EE9E2D



786C77



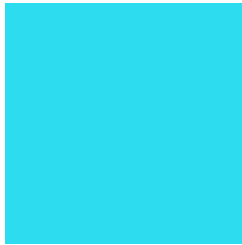
B800A6



380033

Previews

White Background



This preview shows how the Hex color 2DDCEE looks on a white background.

Color Contrast Check

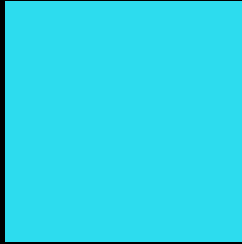
Large Text (above 18pt) WCAG AA × Fail

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 2DDCEE looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

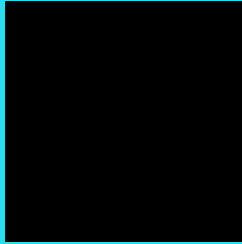
Any Text WCAG AA ✓ Pass

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 2DDCEE Background



This preview shows how black text looks on a background with the Hex color 2DDCEE.

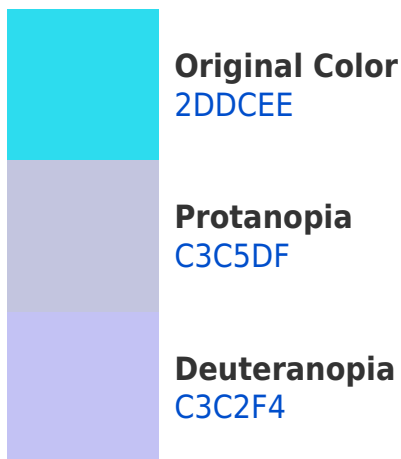


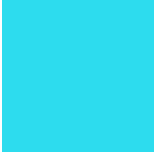
This preview shows how white text looks on a background with the Hex color 2DDCEE.

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



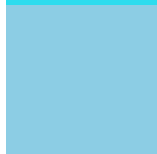


Trichromacy



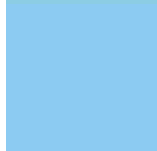
Original Color

2DDCEE



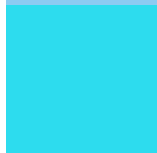
Protanomaly

8CCDE4



Deuteranomaly

8CCBF2



Tritanomaly

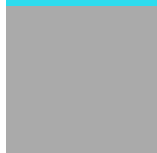
2DDCEE

Monochromacy



Original Color

2DDCEE



Achromatopsia

AAAAAA



Achromatomaly

7DBCC3

CSS Examples

Text

The CSS property to change the color of the text to Hex 2DDCEE 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 #2DDCEE looks like.

```
.text, #text, p{  
    color:#2DDCEE  
}
```

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 #2DDCEE colored shadow looks like.

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

Border

The CSS property to change the border of an element to Hex 2DDCEE 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
#2DDCEE }
```

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

```
.border{ border-color:#2DDCEE }
```

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

Here you see how a box with a 4 pixel #2DDCEE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2DDCEE; -webkit-box-shadow:4px 4px  
4px 4px #2DDCEE; box-shadow:4px 4px 4px  
4px #2DDCEE }
```

Background

The CSS property to change the background color of an element to Hex 2DDCEE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2DDCEE }
```

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

```
.background{ background-color:#2DDCEE }
```

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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