

Converting Colors

Hex(3DCEEF)

Have a look what the booklet for
Hex(3DCEEF) contains.

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Color

Hex(3DCEEF)

Conversions

Conversions Part 1

Format	Color
Hex	3DCEEF
RGB	61, 206, 239
RGB Percent	24%, 81%, 94%
CMY	0.7608, 0.1922, 0.0627
CMYK	0.74, 0.14, 0.00, 0.06
HSL	191°, 85%, 59%
HSV	191°, 74%, 94%
XYZ	39.5758, 51.3667, 89.4903
YIQ	166.4070, -97.0130, -20.4770

Conversions

Conversions Part 2

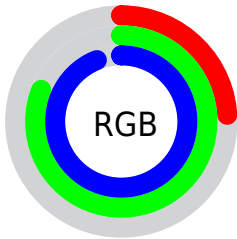
Format	Color
RYB	61, 141, 239
Decimal	4050671
CIELab	76.90, -27.07, -27.17
CIELCh	77, 38.352, 225.106
Yxy	51.3667, 0.2193, 0.2847
Android (android.graphics.Color)	4282240751 (0xFF3DCEEF)
YUV	166.4070, 35.7883, -92.4419
Hunter-Lab	71.6706, -26.8576, -23.8621

Details

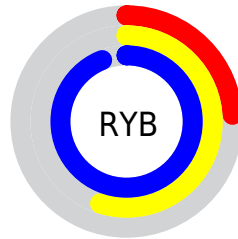
The Hex color **3DCEEF** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light washed cyan. A complement of this color would be **EF5E3D**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **85FFFF**, and **0097B7** is the 20% darker color. If you saturate the color by 10%, you get **25CAEF**, and if you desaturate by 10%, it is **55D2EF**.

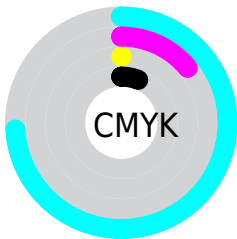
Distribution



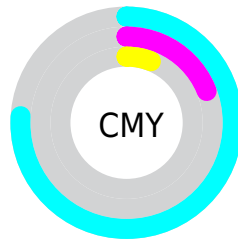
- Red (24%)
- Green (81%)
- Blue (94%)



- Red (24%)
- Yellow (55%)
- Blue (94%)



- Cyan (74%)
- Magenta (14%)
- Yellow (0%)
- Black (6%)



- Cyan (76%)
- Magenta (19%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3DCEEF 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 3DCEEF by changing the saturation by 10% instead.

 3DCEEF

FFFFFF

 85FFFF

 A5FFFF

 C4FFFF

 E3FFFF

 3DCEEF

 00B2D3

 0097B7

 007D9C

 006482

 004C69

 003550

 002139

 000224

 00000B

 3DCEEF

 3DCEEF

 25CAEF

 55D2EF

 0DC5EF

 6DD7EF

 00C3EF

 85DBEF

 9DE0EF

 B5E4EF

 CCE9EF

 E4EDEF

 FCF1EF

 FFF6EF

Harmonies

Analogous

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



44D1CF



3DCEEF



6FC7FF

Triad

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



3DCEEF



F8A5D1



C4C178

Complementary

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



3DCEEF



EF5E3D

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.



E5B679



3DCEEF



FFA3AD

Square

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



3DCEEF



D9AEF0



FCAA8D



9CCA8B

Rectangle

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



3DCEEF



96BFFF



FCAA8D



D0BE76

Sweetspot

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



3DCEEF



C7F5FF



3DEF5E



5E7980



000000



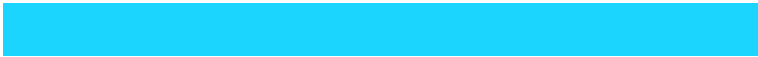
808080

Same Dimension

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



3DCEEF



1CD5FF



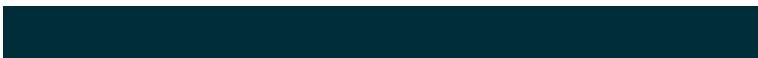
3D75EF



6C7678



0096B8



002E38

Inverse Universe

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



EF3DCE



FF1CD5



EFB73D



786C76



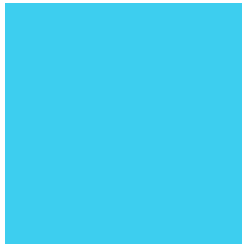
B80096



38002E

Previews

White Background



This preview shows how the Hex color 3DCEEF looks on a white background.

Color Contrast Check

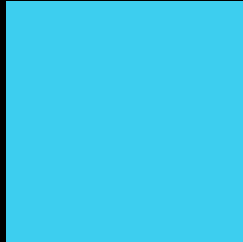
Large Text (above 18pt) WCAG AA × Fail

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 3DCEEF 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 3DCEEF Background



This preview shows how black text looks on a background with the Hex color 3DCEEF.



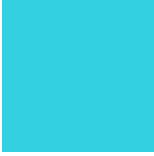
This preview shows how white text looks on a background with the Hex color 3DCEEF.

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](#).

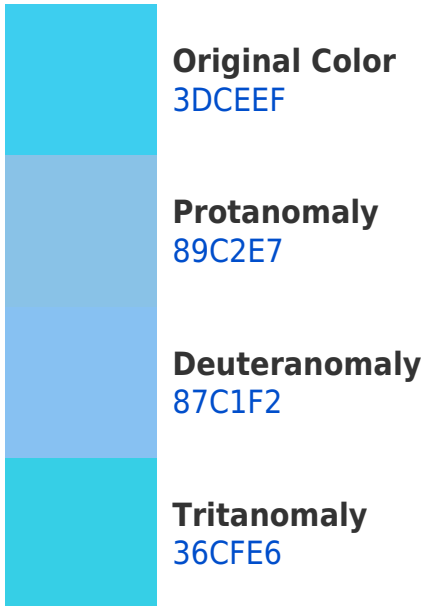
Dichromacy





Tritanopia
32D0E1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3DCEEF 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 #3DCEEF looks like.

```
.text, #text, p{  
    color:#3DCEEF  
}
```

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 #3DCEEF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3DCEEF
}
```

Border

The CSS property to change the border of an element to Hex 3DCEEF 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
#3DCEEF }
```

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

```
.border{ border-color:#3DCEEF }
```

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

Here you see how a box with a 4 pixel #3DCEEF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3DCEEF; -webkit-box-shadow:4px 4px  
4px 4px #3DCEEF; box-shadow:4px 4px 4px  
4px #3DCEEF }
```

Background

The CSS property to change the background color of an element to Hex 3DCEEF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3DCEEF }
```

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

```
.background{ background-color:#3DCEEF }
```

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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