

# Converting Colors

Hex(3DE9F2)

Have a look what the booklet for  
Hex(3DE9F2) contains.

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# Color

**Hex(3DE9F2)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3DE9F2
RGB	61, 233, 242
RGB Percent	24%, 91%, 95%
CMY	0.7608, 0.0863, 0.0510
CMYK	0.75, 0.04, 0.00, 0.05
HSL	183°, 87%, 59%
HSV	183°, 75%, 95%
XYZ	47.0904, 65.6807, 94.2001
YIQ	182.5980, -105.4010, -33.6650

# Conversions

## Conversions Part 2

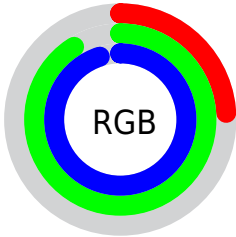
<b>Format</b>	<b>Color</b>
<b>RYB</b>	61, 149, 242
Decimal	4057586
CIELab	84.83, -38.99, -16.72
CIELCh	85, 42.420, 203.216
Yxy	65.6807, 0.2275, 0.3173
Android (android.graphics.Color)	4282247666 (0xFF3DE9F2)
YUV	182.5980, 29.2852, -106.6414
Hunter-Lab	81.0436, -38.1090, -12.1845

# Details

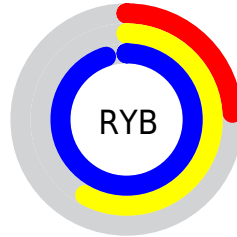
The Hex color **3DE9F2** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light washed cyan. A complement of this color would be **F2463D**, and the grayscale version is **B6B6B6**.

A 20% lighter version of the original color is **88FFFF**, and **00B1BA** is the 20% darker color. If you saturate the color by 10%, you get **25E8F2**, and if you desaturate by 10%, it is **55EAF2**.

# Distribution



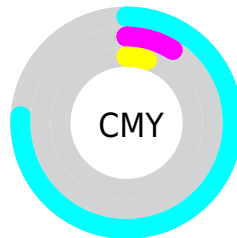
- Red (24%)
- Green (91%)
- Blue (95%)



- Red (24%)
- Yellow (58%)
- Blue (95%)



- Cyan (75%)
- Magenta (4%)
- Yellow (0%)
- Black (5%)



- Cyan (76%)
- Magenta (9%)
- Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3DE9F2 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 3DE9F2 by changing the saturation by 10% instead.



 3DE9F2

 3DE9F2


FFFFFF

 00CDD6

 88FFFF

 00B1BA

 A8FFFF

 00969F

 C8FFFF

 007B85

 E8FFFF

 00626C

 004953

 00313C

 001B27

 000111

 3DE9F2

 3DE9F2

 25E8F2

 55EAF2

 0DE7F2

 6DEBF2

 00E6F2

 86EDF2

 9EEEF2

 B6EFF2

 CEF0F2

 E6F1F2

 FFF3F2

 FFF4F2

# Harmonies

## Analogous

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



6DE9C9



3DE9F2



4BE4FF

# Triad

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



3DE9F2



FEBFFF



F7CE84

# Complementary

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



3DE9F2



F2463D

# 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.



FFC195



3DE9F2



FFB6DF

# Square

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



3DE9F2



CCCDFF



FFB7B6



CFDB89

# Rectangle

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



3DE9F2



75DEFF



FFB7B6



FFCA87



# Sweetspot

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



3DE9F2



C7FCFF



3DF243



5E7E80



000000



808080



# Same Dimension

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



3DE9F2



19F4FF



3D91F2



6C7778



00AEB8



003538



# Inverse Universe

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



F23DE9



FF19F4



F29E3D



786C77



B800AE

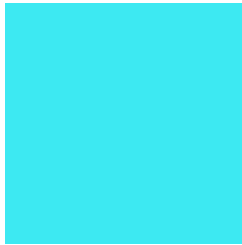


380035



# Previews

## White Background



This preview shows how the Hex color 3DE9F2 looks on a white background.

## Color Contrast Check

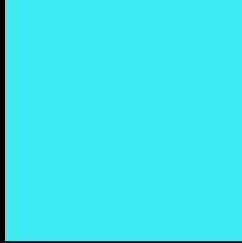
Large Text (above 18pt) WCAG AA × Fail

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 3DE9F2 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 3DE9F2 Background



This preview shows how black text looks on a background with the Hex color 3DE9F2.

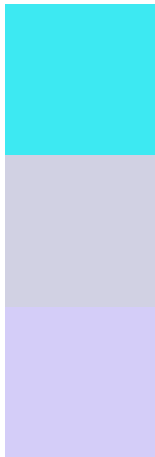


This preview shows how white text looks on a background with the Hex color 3DE9F2.

# 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](#).

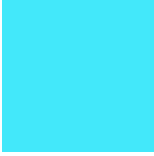
## Dichromacy



**Original Color**  
3DE9F2

**Protanopia**  
D1D1E3

**Deuteranopia**  
D4CDF8

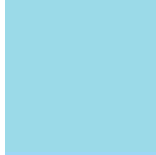


**Tritanopia**  
43E8FA

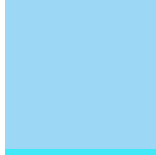
# Trichromacy



**Original Color**  
3DE9F2



**Protanomaly**  
9BDAE8



**Deuteranomaly**  
9DD7F6

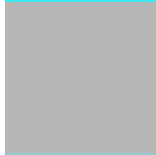


**Tritanomaly**  
41E8F7

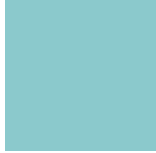
# Monochromacy



**Original Color**  
3DE9F2



**Achromatopsia**  
B7B7B7



**Achromatomaly**  
8BC9CC

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3DE9F2 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 #3DE9F2 looks like.

```
.text, #text, p{  
    color:#3DE9F2  
}
```

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 #3DE9F2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3DE9F2
}
```

## Border

The CSS property to change the border of an element to Hex 3DE9F2 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
#3DE9F2 }
```

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

```
.border{ border-color:#3DE9F2 }
```

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

Here you see how a box with a 4 pixel #3DE9F2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3DE9F2; -webkit-box-shadow:4px 4px  
4px 4px #3DE9F2; box-shadow:4px 4px 4px  
4px #3DE9F2 }
```

# Background

The CSS property to change the background color of an element to Hex 3DE9F2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3DE9F2 }
```

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

```
.background{ background-color:#3DE9F2 }
```

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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