

# Converting Colors

Hex(10FFD3)

Have a look what the booklet for  
Hex(10FFD3) contains.

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# Color

Hex(10FFD3)

# Conversions

## Conversions Part 1

Format	Color
Hex	10FFD3
RGB	16, 255, 211
RGB Percent	6%, 100%, 83%
CMY	0.9373, 0.0000, 0.1725
CMYK	0.94, 0.00, 0.17, 0.00
HSL	169°, 100%, 53%
HSV	169°, 94%, 100%
XYZ	47.7316, 76.3333, 73.8461
YIQ	178.5230, -128.3200, -64.3520

# Conversions

## Conversions Part 2

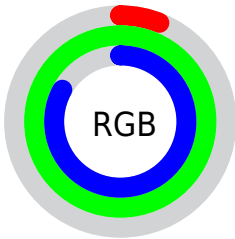
Format	Color
<a href="#">RYB</a>	<a href="#">16, 148, 255</a>
Decimal	<a href="#">1114067</a>
CIELab	<a href="#">90.01, -59.53, 7.06</a>
CIELCh	<a href="#">90, 59.945, 173.233</a>
Yxy	<a href="#">76.3333, 0.2412, 0.3857</a>
Android (android.graphics.Color)	<a href="#">4279304147</a> <a href="#">(0xFF10FFD3)</a>
YUV	<a href="#">178.5230, 16.0112, -142.5327</a>
Hunter-Lab	<a href="#">87.3689, -55.3772, 11.0451</a>

# Details

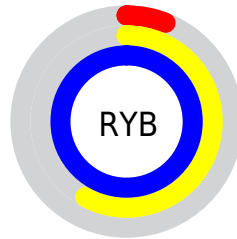
The Hex color **10FFD3** is a light color, and the websafe version is hex **33FFCC**. The color can be described as light washed cyan. A complement of this color would be **FF103C**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **78FFFF**, and **00C59D** is the 20% darker color. If you saturate the color by 10%, you get **00FFD0**, and if you desaturate by 10%, it is **2AFFD8**.

# Distribution



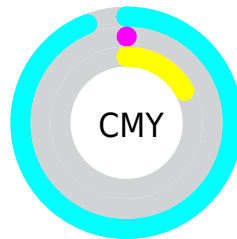
- Red (6%)
- Green (100%)
- Blue (83%)



- Red (6%)
- Yellow (58%)
- Blue (100%)



- Cyan (94%)
- Magenta (0%)
- Yellow (17%)
- Black (0%)



- Cyan (94%)
- Magenta (0%)
- Yellow (17%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 10FFD3 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 10FFD3 by changing the saturation by 10% instead.



 10FFD3

 10FFD3

FFFFFF

 00E2B7

 78FFFF

 00C59D

 9AFFFF

 00A982

 BBFFFF

 008E69

 DCFFFF

 007351

 FCFFFF

 00593A

 004025

 002810

 000000

 10FFD3

 10FFD3

 00FFD0

 2AFFD8

 43FFDC

 5DFFE1

 76FFE6

 90FFEA

 A9FFE F

 C3FFF4

 DCFFF9

 F6FFFD

# Harmonies

## Analogous

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



94F99B



10FFD3



00FFFF

# Triad

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



10FFD3



D3D8FF



FFC688

# Complementary

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



10FFD3



FF103C

# 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.



FFB6B8



10FFD3



FFC2FF

# Square

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



10FFD3



5BECFF



FFB4F2



FFDB6E

# Rectangle

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



10FFD3



00FCFF



FFB4F2



FFBF96



# Sweetspot

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



10FFD3



B8FFF2



40FF10



548078



000000



808080



# Same Dimension

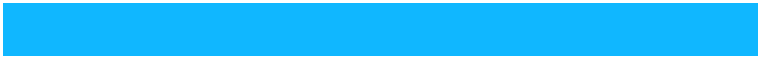
The Same Dimension uses a secret algorithm to generate beautiful new colors.



10FFD3



00FFD0



10B7FF



73807D



00BF9C



004034



# Inverse Universe

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



FF103C



FF002F



FF5810



807375



BF0023

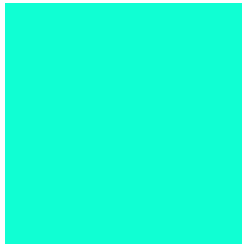


40000C



# Previews

## White Background



This preview shows how the Hex color 10FFD3 looks on a white background.

## Color Contrast Check

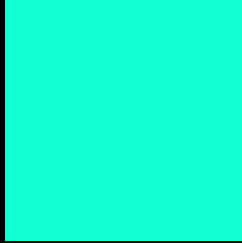
Large Text (above 18pt) WCAG AA × Fail

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 10FFD3 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

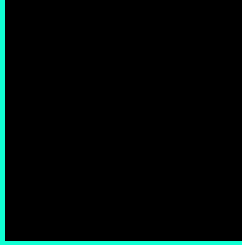
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 10FFD3 Background



This preview shows how black text looks on a background with the Hex color 10FFD3.

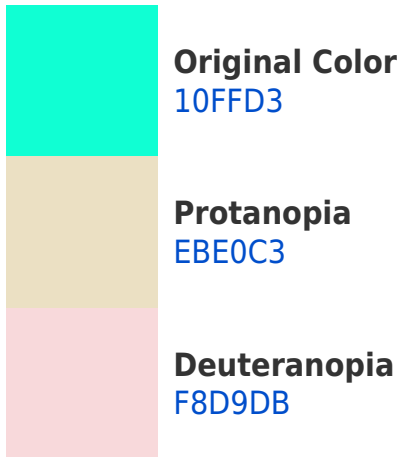


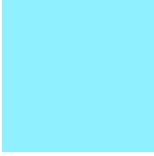
This preview shows how white text looks on a background with the Hex color 10FFD3.

# 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](#).

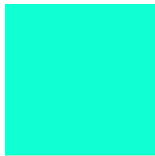
## Dichromacy



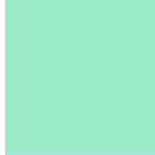


**Tritanopia**  
8FF0FF

# Trichromacy



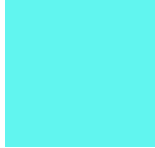
**Original Color**  
10FFD3



**Protanomaly**  
9BEBC9



**Deuteranomaly**  
A4E7D8

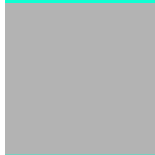


**Tritanomaly**  
61F5EF

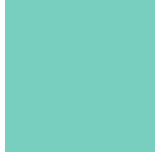
# Monochromacy



**Original Color**  
10FFD3



**Achromatopsia**  
B3B3B3



**Achromatomaly**  
78CFBF

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 10FFD3 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 #10FFD3 looks like.

```
.text, #text, p{  
    color:#10FFD3  
}
```

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 #10FFD3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #10FFD3
}
```

## Border

The CSS property to change the border of an element to Hex 10FFD3 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
#10FFD3 }
```

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

```
.border{ border-color:#10FFD3 }
```

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

Here you see how a box with a 4 pixel #10FFD3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #10FFD3; -webkit-box-shadow:4px 4px  
4px 4px #10FFD3; box-shadow:4px 4px 4px  
4px #10FFD3 }
```

# Background

The CSS property to change the background color of an element to Hex 10FFD3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#10FFD3 }
```

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

```
.background{ background-color:#10FFD3 }
```

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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