

# Converting Colors

Hex(15DEEB)

Have a look what the booklet for  
Hex(15DEEB) contains.

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# Color

Hex(15DEEB)

# Conversions

## Conversions Part 1

Format	Color
Hex	15DEEB
RGB	21, 222, 235
RGB Percent	8%, 87%, 92%
CMY	0.9176, 0.1294, 0.0784
CMYK	0.91, 0.06, 0.00, 0.08
HSL	184°, 84%, 50%
HSV	184°, 91%, 92%
XYZ	41.4259, 58.4001, 87.6862
YIQ	163.3830, -123.9690, -38.5690

# Conversions

## Conversions Part 2

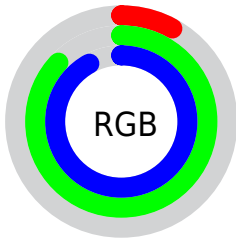
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	21, 125, 235
Decimal	1433323
CIE <sub>Lab</sub>	80.96, -38.84, -18.90
CIE <sub>LCh</sub>	81, 43.194, 205.950
Yxy	58.4001, 0.2209, 0.3114
Android (android.graphics.Color)	4279623403 (0xFF15DEEB)
YUV	163.3830, 35.3072, -124.8699
Hunter-Lab	76.4200, -36.9733, -14.5369

# Details

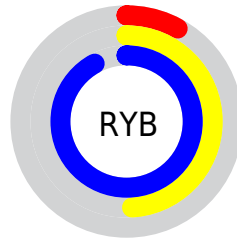
The Hex color **15DEEB** is a light color, and the websafe version is hex **00CCCC**. The color can be described as light washed cyan. A complement of this color would be **EB2215**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **75FFFF**, and **00A6B3** is the 20% darker color. If you saturate the color by 10%, you get **00DDEB**, and if you desaturate by 10%, it is **2DDFEB**.

# Distribution



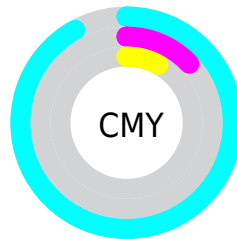
- Red (8%)
- Green (87%)
- Blue (92%)



- Red (8%)
- Yellow (49%)
- Blue (92%)



- Cyan (91%)
- Magenta (6%)
- Yellow (0%)
- Black (8%)



- Cyan (92%)
- Magenta (13%)
- Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 15DEEB 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 15DEEB by changing the saturation by 10% instead.



 15DEEB

FFFFFF

 75FFFF

 97FFFF

 B8FFFF

 D8FFFF

 F8FFFF

 15DEEB

 00C2CF

 00A6B3

 008B98

 00717F

 005866

 00404E

 002A37

 000922

 000008

 15DEEB

 15DEEB

 00DDEB

 2DDFEB

 44E1EB

 5CE2EB

 73E4EB

 8BE5EB

 A2E7EB

 BAE8EB

 D1E9EB

 E9EBEB

# Harmonies

## Analogous

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



59DEC2



15DEEB



38D9FF

# Triad

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



15DEEB



F7B2F7



E9C578

# Complementary

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



15DEEB



EB2215

# 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.



FFB787



15DEEB



FFAAD0

# Square

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



15DEEB



C6C1FF



FFACA8



C0D17F

# Rectangle

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



15DEEB



6CD3FF



FFACA8



F4C07B



# Sweetspot

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



15DEEB



BAFBFF



15EB20



577D80



000000



808080



# Same Dimension

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



15DEEB



00FOFF



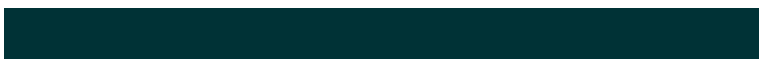
1575EB



6A7575



00AAB5



003236



# Inverse Universe

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



EB15DE



FF00F0



EB8B15



756A75



B500AA

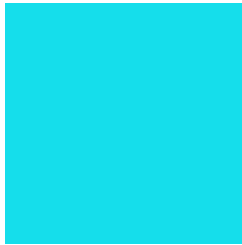


360032



# Previews

## White Background



This preview shows how the Hex color 15DEEB looks on a white background.

## Color Contrast Check

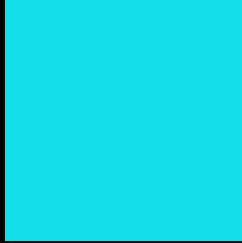
Large Text (above 18pt) WCAG AA × Fail

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 15DEEB looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

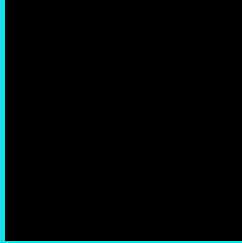
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 15DEEB Background



This preview shows how black text looks on a background with the Hex color 15DEEB.

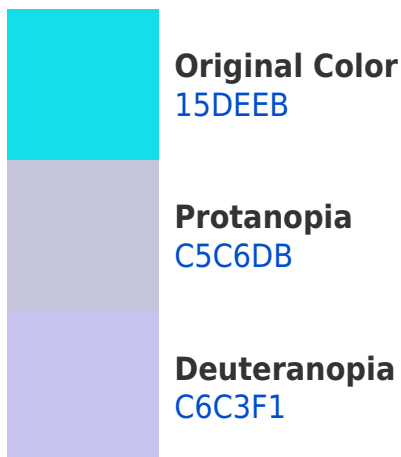


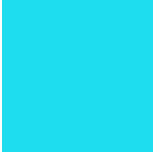
This preview shows how white text looks on a background with the Hex color 15DEEB.

# 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



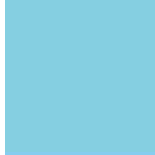


**Tritanopia**  
1EDDEF

# Trichromacy



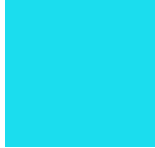
**Original Color**  
15DEEB



**Protanomaly**  
85CFE1



**Deuteranomaly**  
86CDEF



**Tritanomaly**  
1BDDEE

# Monochromacy



**Original Color**  
15DEEB



**Achromatopsia**  
A3A3A3



**Achromatomaly**  
6FB8BD

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 15DEEB 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 #15DEEB looks like.

```
.text, #text, p{  
    color:#15DEEB  
}
```

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 #15DEEB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #15DEEB
}
```

## Border

The CSS property to change the border of an element to Hex 15DEEB 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
#15DEEB }
```

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

```
.border{ border-color:#15DEEB }
```

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

Here you see how a box with a 4 pixel #15DEEB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #15DEEB; -webkit-box-shadow:4px 4px  
4px 4px #15DEEB; box-shadow:4px 4px 4px  
4px #15DEEB }
```

# Background

The CSS property to change the background color of an element to Hex 15DEEB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#15DEEB }
```

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

```
.background{ background-color:#15DEEB }
```

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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