

Converting Colors

Hex(13B3D4)

Have a look what the booklet for
Hex(13B3D4) contains.

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Color

Hex(13B3D4)

Conversions

Conversions Part 1

Format	Color
Hex	13B3D4
RGB	19, 179, 212
RGB Percent	7%, 70%, 83%
CMY	0.9255, 0.2980, 0.1686
CMYK	0.91, 0.16, 0.00, 0.17
HSL	190°, 84%, 45%
HSV	190°, 91%, 83%
XYZ	28.2723, 37.1321, 67.9645
YIQ	134.9220, -105.9530, -23.6570

Conversions

Conversions Part 2

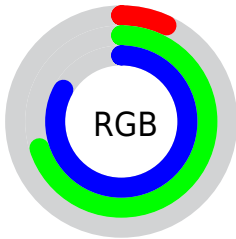
Format	Color
R _{YB}	19, 106, 212
Decimal	1291220
CIE Lab	67.38, -25.61, -27.17
CIE LCh	67, 37.340, 226.694
Yxy	37.1321, 0.2120, 0.2784
Android (android.graphics.Color)	4279481300 (0xFF13B3D4)
YUV	134.9220, 37.9995, -101.6636
Hunter-Lab	60.9361, -23.8202, -23.4732

Details

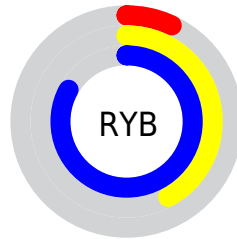
The Hex color **13B3D4** is a dark color, and the websafe version is hex **00CCFF**. The color can be described as middle washed azure. A complement of this color would be **D43413**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **6CEBFF**, and **007E9D** is the 20% darker color. If you saturate the color by 10%, you get **00B0D4**, and if you desaturate by 10%, it is **28B7D4**.

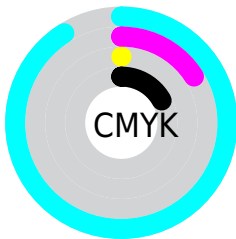
Distribution



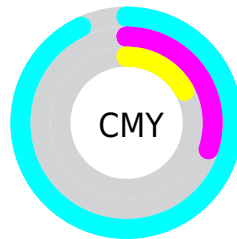
- Red (7%)
- Green (70%)
- Blue (83%)



- Red (7%)
- Yellow (42%)
- Blue (83%)



- Cyan (91%)
- Magenta (16%)
- Yellow (0%)
- Black (17%)



- Cyan (93%)
- Magenta (30%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Hex color 13B3D4 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 13B3D4 by changing the saturation by 10% instead.

13B3D4

13B3D4

FFFFFF

0098B8

6CEBFF

007E9D

8CFFFF

006583

ABFFFF

004C6A

CAFFFF

003551

E9FFFF

00213A

000225

00010D

000000

■ 13B3D4

■ 13B3D4

■ 00B0D4

■ 28B7D4

■ 3DBAD4

■ 53BED4

■ 68C1D4

■ 7DC5D4

■ 92C9D4

■ A7CCD4

■ BDD0D4

■ D2D4D4

Harmonies

Analogous

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



20B6B6



13B3D4



58ACE5

Triad

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



13B3D4



DC8BB4



A7A862

Complementary

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



13B3D4



D43A13

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.



C79D63



13B3D4



E68A92

Square

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



13B3D4



BF95D2



DE9175



81B075

Rectangle

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



13B3D4



7FA5E7



DE9175



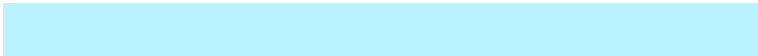
B3A460

Sweetspot

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



13B3D4



BAF3FF



13D433



577980



000000



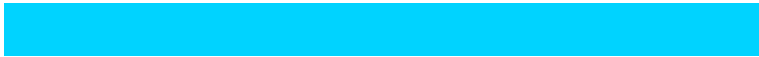
808080

Same Dimension

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



13B3D4



00D3FF



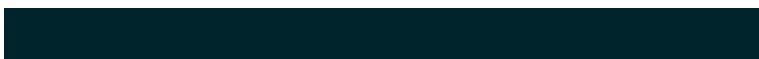
1353D4



60696B



008EAB



00242B

Inverse Universe

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



D413B3



FF00D3



D49413



6B6069



AB008E



2B0024

Previews

White Background



This preview shows how the Hex color 13B3D4 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 13B3D4 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 13B3D4 Background



This preview shows how black text looks on a background with the Hex color 13B3D4.

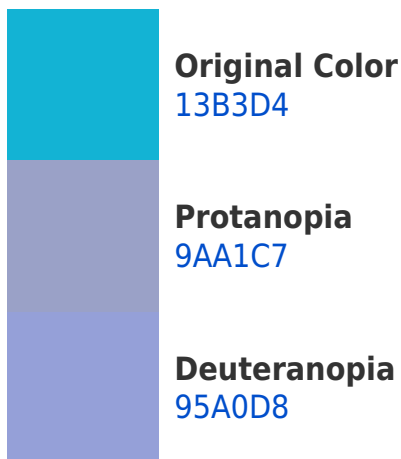


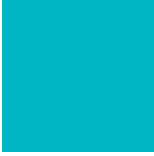
This preview shows how white text looks on a background with the Hex color 13B3D4.

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](#).

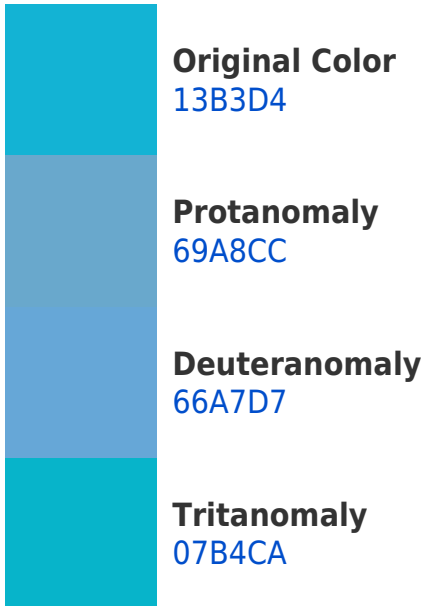
Dichromacy





Tritanopia
00B5C4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 13B3D4 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 #13B3D4 looks like.

```
.text, #text, p{  
    color:#13B3D4  
}
```

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 #13B3D4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #13B3D4
}
```

Border

The CSS property to change the border of an element to Hex 13B3D4 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
#13B3D4 }
```

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

```
.border{ border-color:#13B3D4 }
```

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

Here you see how a box with a 4 pixel #13B3D4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #13B3D4; -webkit-box-shadow:4px 4px  
4px 4px #13B3D4; box-shadow:4px 4px 4px  
4px #13B3D4 }
```

Background

The CSS property to change the background color of an element to Hex 13B3D4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#13B3D4 }
```

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

```
.background{ background-color:#13B3D4 }
```

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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