

Converting Colors

Hex(11B6E4)

Have a look what the booklet for
Hex(11B6E4) contains.

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Color

Hex(11B6E4)

Conversions

Conversions Part 1

Format	Color
Hex	11B6E4
RGB	17, 182, 228
RGB Percent	7%, 71%, 89%
CMY	0.9333, 0.2863, 0.1059
CMYK	0.93, 0.20, 0.00, 0.11
HSL	193°, 86%, 48%
HSV	193°, 93%, 89%
XYZ	30.9627, 39.1765, 79.3287
YIQ	137.9090, -113.1060, -20.6740

Conversions

Conversions Part 2

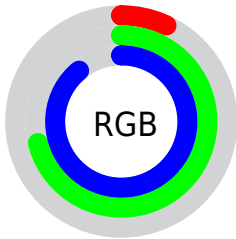
Format	Color
R _Y B	17, 110, 228
Decimal	1160932
CIE Lab	68.88, -21.82, -33.62
CIE LCh	69, 40.082, 237.015
Yxy	39.1765, 0.2072, 0.2621
Android (android.graphics.Color)	4279351012 (0xFF11B6E4)
YUV	137.9090, 44.4149, -106.0372
Hunter-Lab	62.5911, -21.2338, -31.3310




Details

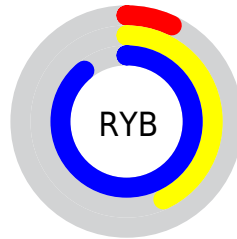
The Hex color **11B6E4** is a dark color, and the websafe version is hex **33CCFF**. The color can be described as middle washed azure. A complement of this color would be **E43F11**, and the grayscale version is **8A8A8A**.




A 20% lighter version of the original color is **6EEEFF**, and **0081AC** is the 20% darker color. If you saturate the color by 10%, you get **00B2E4**, and if you desaturate by 10%, it is **28BBE4**.

Distribution







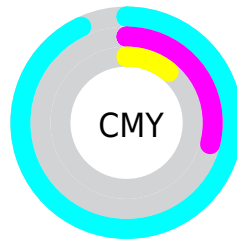
-  Red (7%)
-  Green (71%)
-  Blue (89%)






-  Red (7%)
-  Yellow (43%)
-  Blue (89%)



-  Cyan (93%)
-  Magenta (20%)
-  Yellow (0%)
-  Black (11%)





-  Cyan (93%)
-  Magenta (29%)
-  Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 11B6E4 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 11B6E4 by changing the saturation by 10% instead.

 11B6E4

 11B6E4

FFFFFF

 009BC8


 6EEEEFF

 0081AC

 8FFFFFF

 006892

 AFFFFFF

 004F78

 CFFFFFF

 00385F

 EFFFFFF

 002347

 000430

 00011B

 000000

■ 11B6E4

■ 11B6E4

■ 00B2E4

■ 28BBE4

■ 3FC0E4

■ 55C5E4

■ 6CCA E4

■ 83CFE4

■ 9AD4E4

■ B1D9E4

■ C7DEE4

■ DEE3E4

Harmonies

Analogous

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



00BBC8



11B6E4



6AADF0

Triad

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



11B6E4



EA8CAD



9EB066

Complementary

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



11B6E4



E43F11

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.



C3A55F



11B6E4



ED8E89

Square

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



11B6E4



D293D0



DF986C



73B77F

Rectangle

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



11B6E4



94A5ED



DF986C



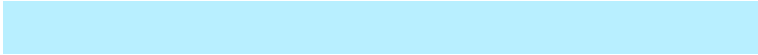
ABAC61

Sweetspot

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



11B6E4



B8EFFF



11E43F



547680



000000



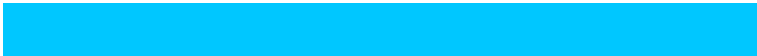
808080

Same Dimension

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



11B6E4



00C7FF



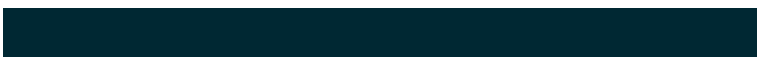
114DE4



677073



008CB3



002833

Inverse Universe

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



E411B6



FF00C7



E4A811



736770



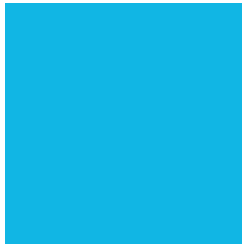
B3008C



330028

Previews

White Background



This preview shows how the Hex color 11B6E4 looks on a white background.

Color Contrast Check

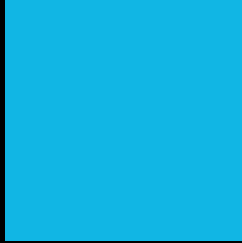
Large Text (above 18pt) WCAG AA × Fail

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 11B6E4 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

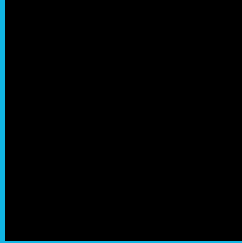
Any Text WCAG AA ✓ Pass

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 11B6E4 Background



This preview shows how black text looks on a background with the Hex color 11B6E4.

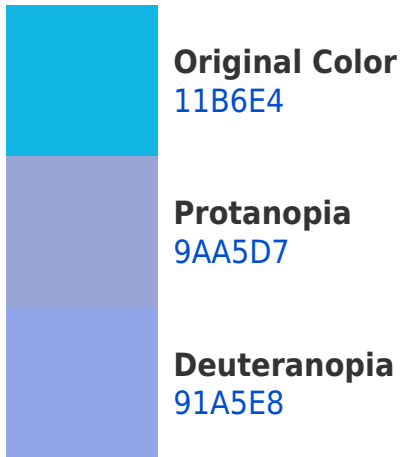


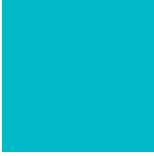
This preview shows how white text looks on a background with the Hex color 11B6E4.

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](#).

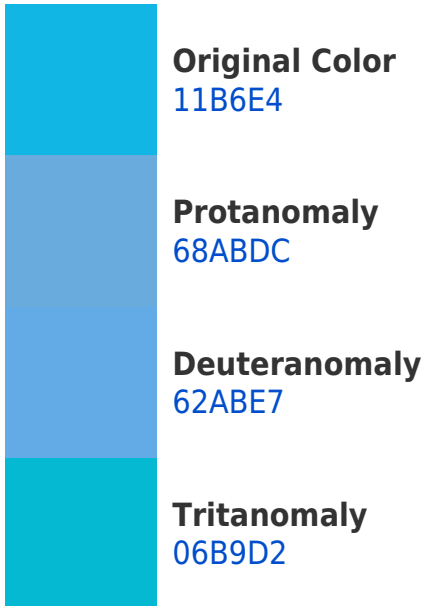
Dichromacy



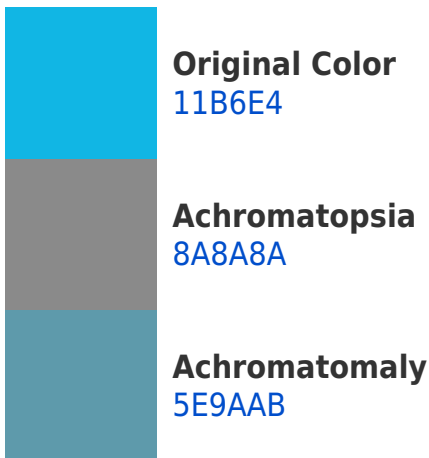


Tritanopia
00BAC8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 11B6E4 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 #11B6E4 looks like.

```
.text, #text, p{  
    color:#11B6E4  
}
```

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 #11B6E4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #11B6E4
}
```

Border

The CSS property to change the border of an element to Hex 11B6E4 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
#11B6E4 }
```

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

```
.border{ border-color:#11B6E4 }
```

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

Here you see how a box with a 4 pixel #11B6E4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #11B6E4; -webkit-box-shadow:4px 4px  
4px 4px #11B6E4; box-shadow:4px 4px 4px  
4px #11B6E4 }
```

Background

The CSS property to change the background color of an element to Hex 11B6E4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#11B6E4 }
```

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

```
.background{ background-color:#11B6E4 }
```

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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