

Converting Colors

Hex(12ACEB)

Have a look what the booklet for
Hex(12ACEB) contains.

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Color

Hex(12ACEB)

Conversions

Conversions Part 1

Format	Color
Hex	12ACEB
RGB	18, 172, 235
RGB Percent	7%, 67%, 92%
CMY	0.9294, 0.3255, 0.0784
CMYK	0.92, 0.27, 0.00, 0.08
HSL	197°, 86%, 50%
HSV	197°, 92%, 92%
XYZ	29.9974, 35.6318, 83.8939
YIQ	133.1360, -112.0070, -13.0550

Conversions

Conversions Part 2

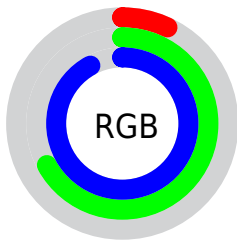
Format	Color
R _Y B	18, 108, 235
Decimal	1223915
CIE Lab	66.24, -14.05, -41.56
CIE LCh	66, 43.874, 251.323
Yxy	35.6318, 0.2006, 0.2383
Android (android.graphics.Color)	4279413995 (0xFF12ACEB)
YUV	133.1360, 50.2190, -100.9743
Hunter-Lab	59.6924, -14.7596, -41.5437

Details

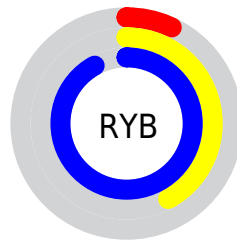
The Hex color **12ACEB** is a dark color, and the websafe version is hex **0099CC**. The color can be described as middle washed azure. A complement of this color would be **EB5112**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **6FE3FF**, and **0078B3** is the 20% darker color. If you saturate the color by 10%, you get **00A7EB**, and if you desaturate by 10%, it is **2AB3EB**.

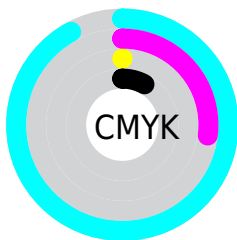
Distribution



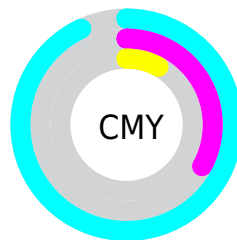
- Red (7%)
- Green (67%)
- Blue (92%)



- Red (7%)
- Yellow (42%)
- Blue (92%)



- Cyan (92%)
- Magenta (27%)
- Yellow (0%)
- Black (8%)



- Cyan (93%)
- Magenta (33%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Hex color 12ACEB 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 12ACEB by changing the saturation by 10% instead.

 12ACEB

 12ACEB


FFFFFF

 0091CF

 6FE3FF

 0078B3

 90FFFF

 005F98

 B0FFFF

 00487E

 D0FFFF

 003164

 EFFFFFF

 001E4C

 000535

 00021F

 000001

■ 12ACEB

■ 12ACEB

■ 00A7EB

■ 2AB3EB

■ 41BAEB

■ 59C0EB

■ 70C7EB

■ 88CEEB

■ 9FD5EB

■ B7DCEB

■ CEE3EB

■ E6E9EB

Harmonies

Analogous

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



00B3D4



12ACEB



7DA0EE

Triad

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



12ACEB



EC8193



80AE64

Complementary

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



12ACEB



EB5112

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.



ABA452



12ACEB



E6886F

Square

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



12ACEB



DD84BB



CE9656



49B486

Rectangle

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



12ACEB



A796E4



CE9656



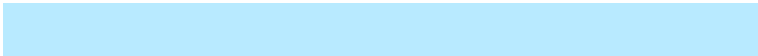
8FAB5C

Sweetspot

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



12ACEB



B8EAFF



12EB4F



547380



000000



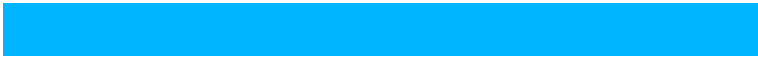
808080

Same Dimension

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



12ACEB



00B5FF



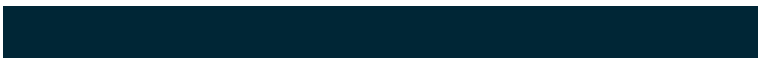
1241EB



6A7275



0080B5



002636

Inverse Universe

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



EB12AC



FF00B5



EBBC12



756A72



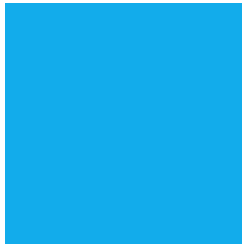
B50080



360026

Previews

White Background



This preview shows how the Hex color 12ACEB looks on a white background.

Color Contrast Check

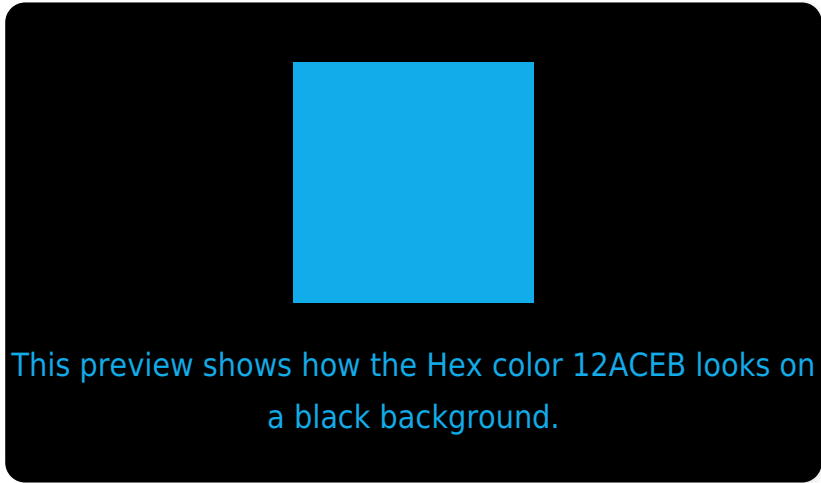
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

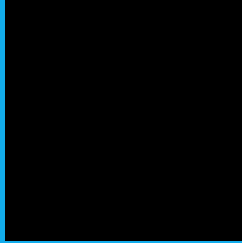
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

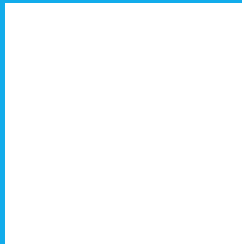
Any Text WCAG AAA ✓ Pass

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

Hex 12ACEB Background



This preview shows how black text looks on a background with the Hex color 12ACEB.

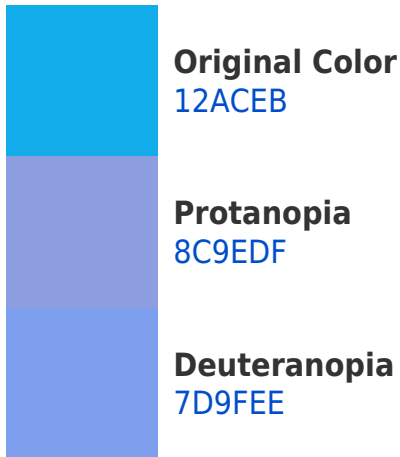


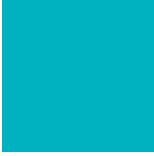
This preview shows how white text looks on a background with the Hex color 12ACEB.

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](#).

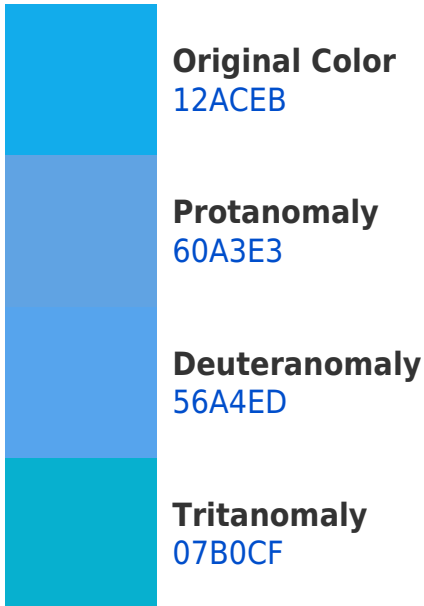
Dichromacy



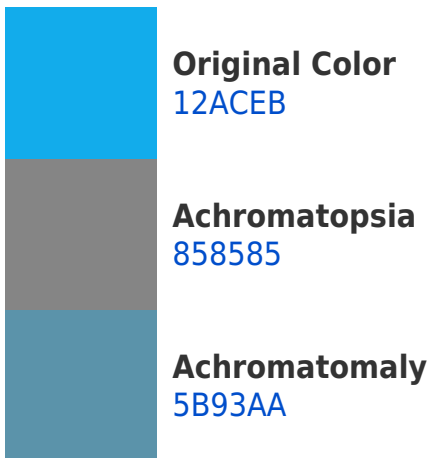


Tritanopia
00B2BF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 12ACEB 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 #12ACEB looks like.

```
.text, #text, p{  
    color:#12ACEB  
}
```

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 #12ACEB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #12ACEB
}
```

Border

The CSS property to change the border of an element to Hex 12ACEB 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
#12ACEB }
```

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

```
.border{ border-color:#12ACEB }
```

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

Here you see how a box with a 4 pixel #12ACEB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #12ACEB; -webkit-box-shadow:4px 4px  
4px 4px #12ACEB; box-shadow:4px 4px 4px  
4px #12ACEB }
```

Background

The CSS property to change the background color of an element to Hex 12ACEB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#12ACEB }
```

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

```
.background{ background-color:#12ACEB }
```

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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