

Converting Colors

Hex(12AEED)

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

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Color

Hex(12AEED)

Conversions

Conversions Part 1

Format	Color
Hex	12AEED
RGB	18, 174, 237
RGB Percent	7%, 68%, 93%
CMY	0.9294, 0.3176, 0.0706
CMYK	0.92, 0.27, 0.00, 0.07
HSL	197°, 86%, 50%
HSV	197°, 92%, 93%
XYZ	30.6716, 36.5151, 85.5523
YIQ	134.5380, -113.1990, -13.4790

Conversions

Conversions Part 2

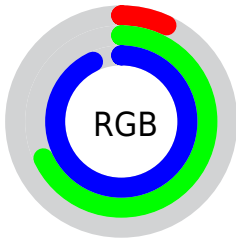
Format	Color
RYB	18, 109, 237
Decimal	1224429
CIELab	66.91, -14.42, -41.60
CIElCh	67, 44.031, 250.878
Yxy	36.5151, 0.2008, 0.2391
Android (android.graphics.Color)	4279414509 (0xFF12AEED)
YUV	134.5380, 50.5138, -102.2038
Hunter-Lab	60.4277, -15.1466, -41.6421

Details

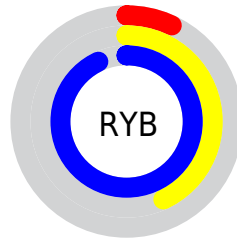
The Hex color **12AEED** is a dark color, and the websafe version is hex **0099CC**. The color can be described as middle washed azure. A complement of this color would be **ED5112**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **70E5FF**, and **007AB5** is the 20% darker color. If you saturate the color by 10%, you get **00A9ED**, and if you desaturate by 10%, it is **2AB5ED**.

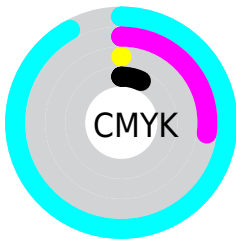
Distribution



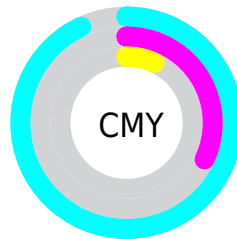
- Red (7%)
- Green (68%)
- Blue (93%)



- Red (7%)
- Yellow (43%)
- Blue (93%)



- Cyan (92%)
- Magenta (27%)
- Yellow (0%)
- Black (7%)



- Cyan (93%)
- Magenta (32%)
- Yellow (7%)

Brightness & Saturation Gradients

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

 12AEED

 12AEED

FFFFFF

 0093D1

 70E5FF

 007AB5

 91FFFF

 00619A

 B1FFFF

 00497F

 D0FFFF

 003366

 F0FFFF

 001F4E

 000536

 000220

 000004

■ 12AEED

■ 12AEED

■ 00A9ED

■ 2AB5ED

■ 41BCED

■ 59C2ED

■ 71C9ED

■ 88D0ED

■ A0D7ED

■ B8DEED

■ D0E5ED

■ E7EBED

Harmonies

Analogous

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



00B5D6



12AEED



7DA2F0

Triad

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



12AEED



EE8296



82AF65

Complementary

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



12AEED



ED5112

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.



ADA553



12AEED



E88A71

Square

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



12AEED



DF86BE



D19858



4BB688

Rectangle

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



12AEED



A898E7



D19858



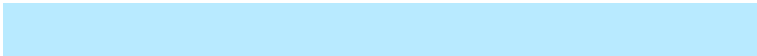
91AC5D

Sweetspot

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



12AEED



B8EAFF



12ED50



547380



000000



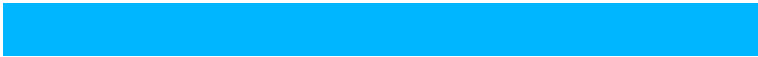
808080

Same Dimension

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



12AEED



00B6FF



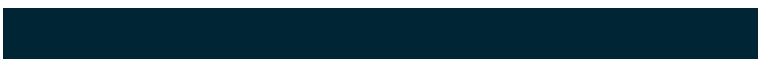
1241ED



6A7275



0081B5



002636

Inverse Universe

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



ED12AE



FF00B6



EDBE12



756A72



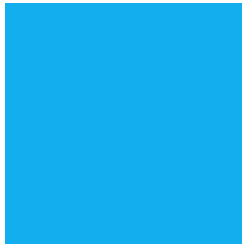
B50081



360026

Previews

White Background



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

Color Contrast Check

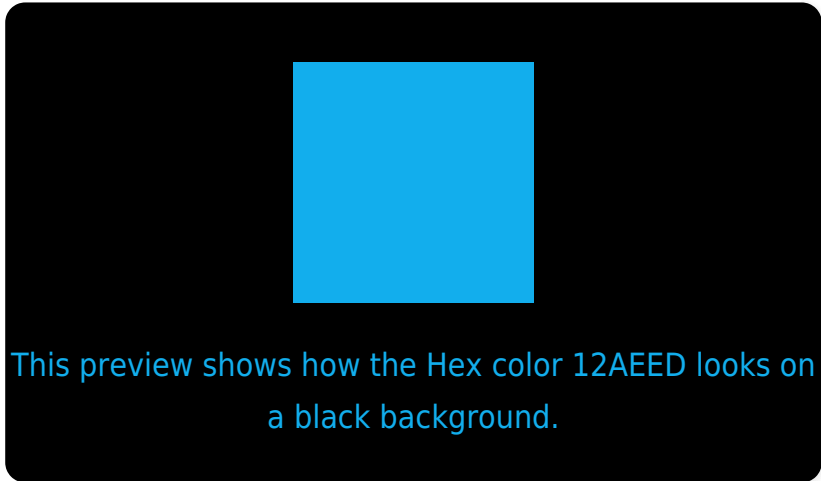
Large Text (above 18pt) WCAG AA × Fail

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

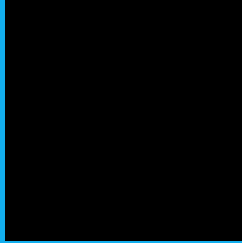
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

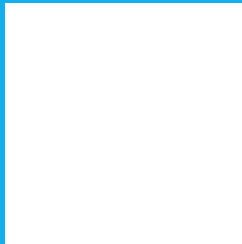
Any Text WCAG AAA ✓ Pass

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

Hex 12AEED Background



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

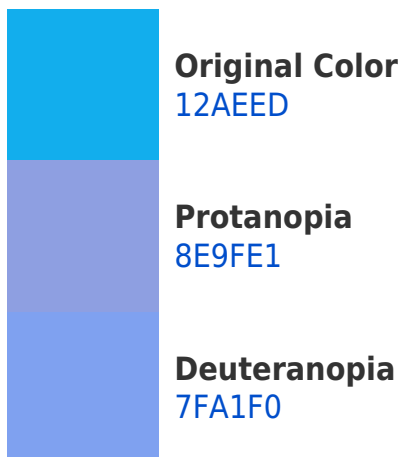


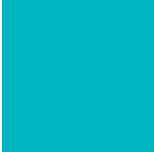
This preview shows how white text looks on a background with the Hex color 12AEED.

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](#).

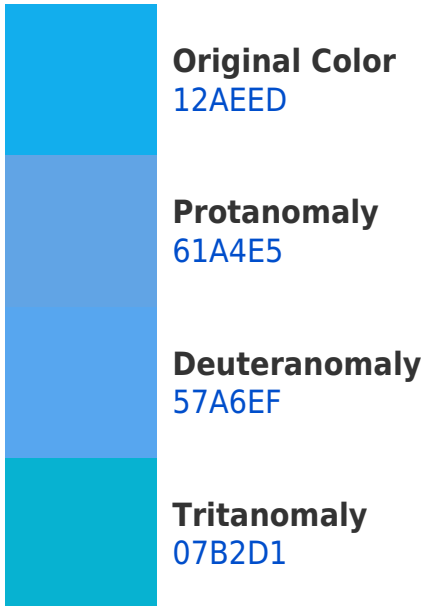
Dichromacy



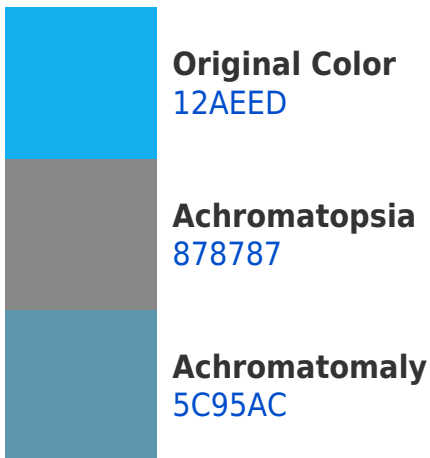


Tritanopia
00B4C1

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #12AEED colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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