

# Converting Colors

Hex(32ADEA)

Have a look what the booklet for  
Hex(32ADEA) contains.

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# **Color**

**Hex(32ADEA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	32ADEA
RGB	50, 173, 234
RGB Percent	20%, 68%, 92%
CMY	0.8039, 0.3216, 0.0824
CMYK	0.79, 0.26, 0.00, 0.08
HSL	200°, 81%, 56%
HSV	200°, 79%, 92%
XYZ	31.1102, 36.5058, 83.2485
YIQ	143.1770, -92.8890, -7.1050

# Conversions

## Conversions Part 2

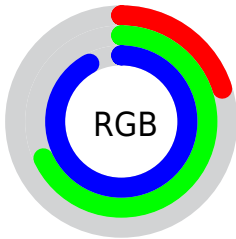
Format	Color
<a href="#">RYB</a>	50, 124, 234
Decimal	3321322
CIELab	66.90, -12.77, -39.94
CIElCh	67, 41.933, 252.275
Yxy	36.5058, 0.2062, 0.2420
Android (android.graphics.Color)	4281511402 (0xFF32ADEA)
YUV	143.1770, 44.7757, -81.7162
Hunter-Lab	60.4200, -13.8254, -39.3976

# Details

The Hex color **32ADEA** is a light color, and the websafe version is hex **3399CC**. The color can be described as light washed azure. A complement of this color would be **EA6F32**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **7CE4FF**, and **0079B2** is the 20% darker color. If you saturate the color by 10%, you get **1BA5EA**, and if you desaturate by 10%, it is **49B5EA**.

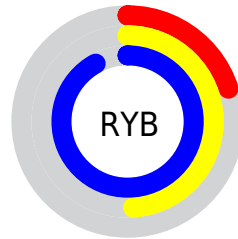
# Distribution



Red (20%)

Green (68%)

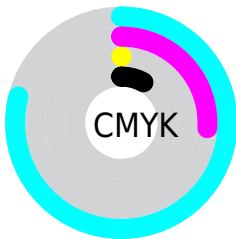
Blue (92%)



Red (20%)

Yellow (49%)

Blue (92%)

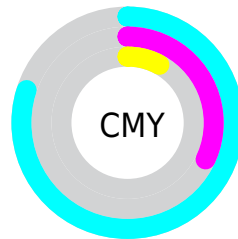


Cyan (79%)

Magenta (26%)

Yellow (0%)

Black (8%)



Cyan (80%)

Magenta (32%)

Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 32ADEA 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 32ADEA by changing the saturation by 10% instead.



■ 32ADEA

■ 32ADEA

FFFFFF

■ 0092CE

■ 7CE4FF

■ 0079B2

■ 9BFFFF

■ 006097

■ BAFFFF

■ 00487D

■ D9FFFF

■ 003264

■ F8FFFF

■ 001E4B

■ 000434

■ 00021E

■ 000000

■ 32A5EA

■ 32A5EA

■ 1BA5EA

■ 49B5EA

■ 039DEA

■ 61BDEA

■ 009CEA

■ 78C4EA

■ 90CCEA

■ A7D4EA

■ BEDCEA

■ D6E3EA

■ EDEBEA

■ FFF3EA

# Harmonies

## Analogous

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



00B4D4



32ADEA



83A1EC

# Triad

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



32ADEA



EB8595



82AF69

# Complementary

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



32ADEA



EA6F32

# 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.



ABA657



32ADEA



E58C72

# Square

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



32ADEA



DE87BB



CE995B



4EB58B

# Rectangle

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



32ADEA



AA98E3



CE995B



90AC61

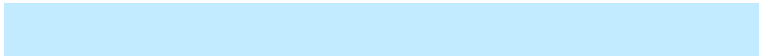


# Sweetspot

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



32ADEA



C2EBFF



32EA6C



5B7380



000000



808080



# Same Dimension

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



32ADEA



0FB0FF



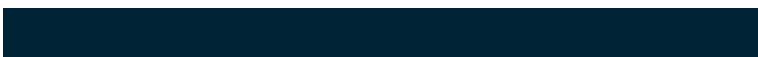
3254EA



6A7175



0079B5



002436



# Inverse Universe

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



EA32AD



FF0FB0



EAC832



756A71



B50079

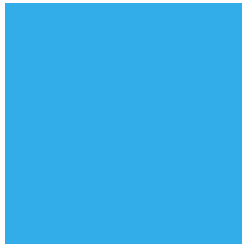


360024



# Previews

## White Background



This preview shows how the Hex color 32ADEA looks on a white background.

## Color Contrast Check

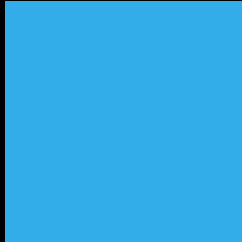
Large Text (above 18pt) WCAG AA × Fail

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 32ADEA 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

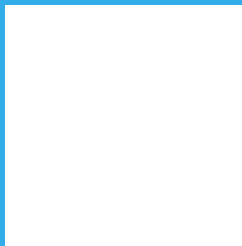
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 32ADEA Background



This preview shows how black text looks on a background with the Hex color 32ADEA.

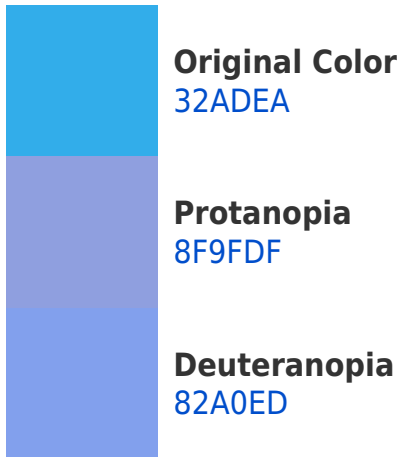


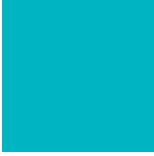
This preview shows how white text looks on a background with the Hex color 32ADEA.

# 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](#).

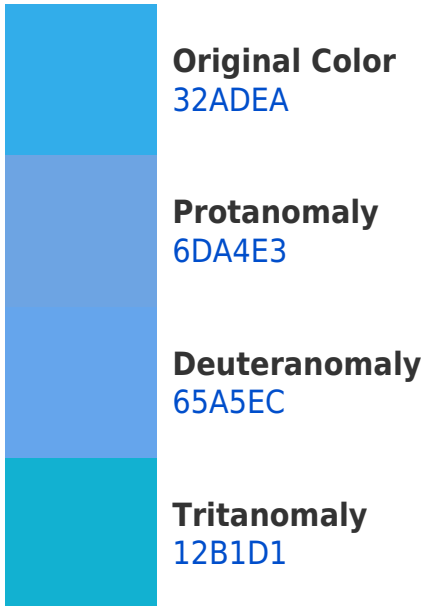
## Dichromacy



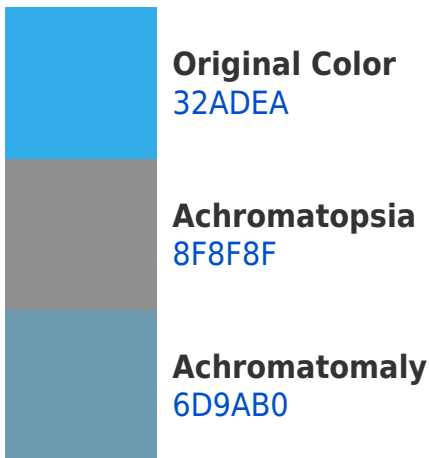


**Tritanopia**  
00B4C2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 32ADEA 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 #32ADEA looks like.

```
.text, #text, p{  
    color:#32ADEA  
}
```

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 #32ADEA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #32ADEA
}
```

## Border

The CSS property to change the border of an element to Hex 32ADEA 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
#32ADEA }
```

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

```
.border{ border-color:#32ADEA }
```

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

Here you see how a box with a 4 pixel #32ADEA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #32ADEA; -webkit-box-shadow:4px 4px  
4px 4px #32ADEA; box-shadow:4px 4px 4px  
4px #32ADEA }
```

# Background

The CSS property to change the background color of an element to Hex 32ADEA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#32ADEA }
```

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

```
.background{ background-color:#32ADEA }
```

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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