

Converting Colors

Hex(3D9ADE)

Have a look what the booklet for
Hex(3D9ADE) contains.

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Color

Hex(3D9ADE)

Conversions

Conversions Part 1

Format	Color
Hex	3D9ADE
RGB	61, 154, 222
RGB Percent	24%, 60%, 87%
CMY	0.7608, 0.3961, 0.1294
CMYK	0.73, 0.31, 0.00, 0.13
HSL	205°, 71%, 55%
HSV	205°, 73%, 87%
XYZ	26.6649, 29.3772, 73.3722
YIQ	133.9450, -77.2560, 1.4320

Conversions

Conversions Part 2

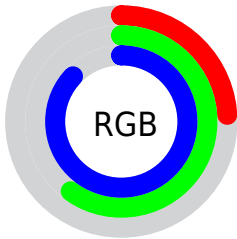
Format	Color
R _Y B	61, 120, 222
Decimal	4037342
CIE Lab	61.11, -5.07, -42.39
CIE LCh	61, 42.690, 263.185
Yxy	29.3772, 0.2060, 0.2270
Android (android.graphics.Color)	4282227422 (0xFF3D9ADE)
YUV	133.9450, 43.4111, -63.9728
Hunter-Lab	54.2008, -7.0356, -42.3210

Details

The Hex color **3D9ADE** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle muted azure. A complement of this color would be **DE813D**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **7FD0FF**, and **0067A6** is the 20% darker color. If you saturate the color by 10%, you get **2791DE**, and if you desaturate by 10%, it is **53A3DE**.

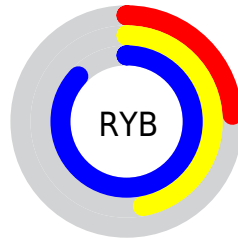
Distribution



Red (24%)

Green (60%)

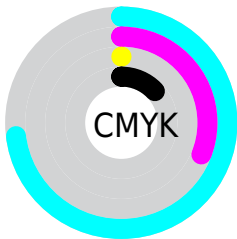
Blue (87%)



Red (24%)

Yellow (47%)

Blue (87%)

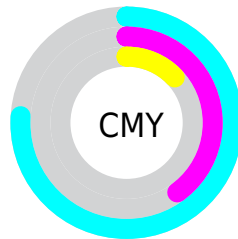


Cyan (73%)

Magenta (31%)

Yellow (0%)

Black (13%)



Cyan (76%)

Magenta (40%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3D9ADE 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 3D9ADE by changing the saturation by 10% instead.

■ 3D9ADE

■ 3D9ADE

FFFFFF

■ 0080C2

■ 7FD0FF

■ 0067A6

■ 9EECFE

■ 004F8C

■ BCFFFE

■ 003972

■ DAFFFE

■ 002459

■ F9FFFE

■ 000E41

■ 00032A

■ 000115

■ 000000

■ 3D9ADE

■ 3D9ADE

■ 2791DE

■ 53A3DE

■ 1187DE

■ 69ADDE

■ 0080DE

■ 80B6DE

■ 96C0DE

■ ACC9DE

■ C2D2DE

■ D8DCDE

■ EFE5DE

■ FFEED

Harmonies

Analogous

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



00A3CF



3D9ADE



898DD9

Triad

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



3D9ADE



DB7678



60A265

Complementary

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



3D9ADE



DE813D

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.



8D9A4C



3D9ADE



CD8158

Square

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



3D9ADE



D5759E



B28E47



15A689

Rectangle

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



3D9ADE



AC83CB



B28E47



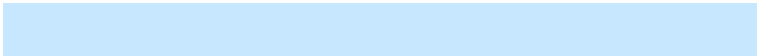
70A05B

Sweetspot

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



3D9ADE



C7E7FF



3DDE80



5E7180



000000



808080

Same Dimension

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



3D9ADE



21A1FF



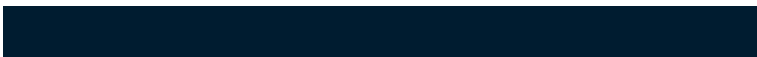
3D4ADE



656B70



0066B0



001C30

Inverse Universe

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



DE3D9A



FF21A1



DED13D



70656B



B00066



30001C

Previews

White Background



This preview shows how the Hex color 3D9ADE looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 3D9ADE 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 × Fail

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

Hex 3D9ADE Background



This preview shows how black text looks on a background with the Hex color 3D9ADE.

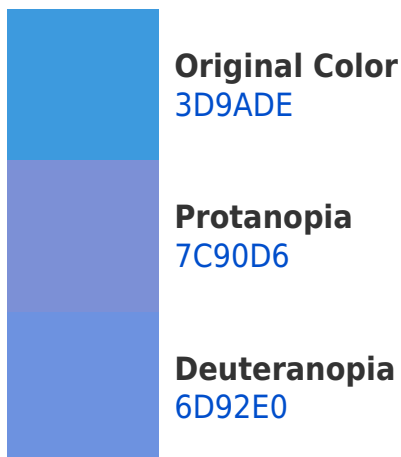


This preview shows how white text looks on a background with the Hex color 3D9ADE.

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](#).

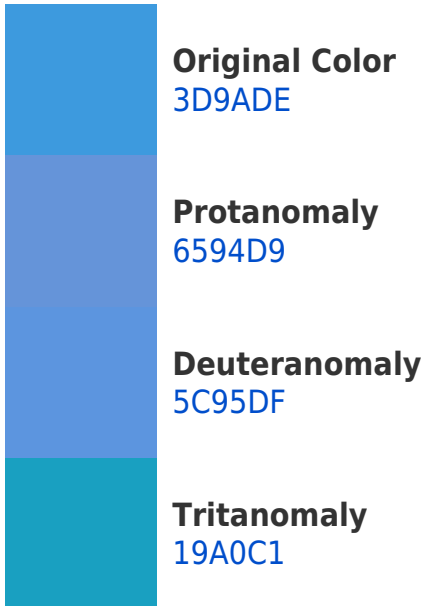
Dichromacy



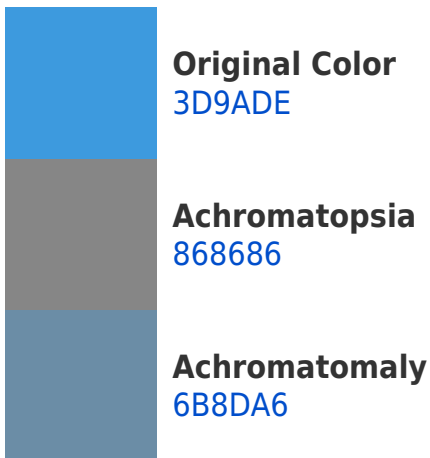


Tritanopia
04A3B0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3D9ADE 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 #3D9ADE looks like.

```
.text, #text, p{  
    color:#3D9ADE  
}
```

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 #3D9ADE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D9ADE
}
```

Border

The CSS property to change the border of an element to Hex 3D9ADE 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
#3D9ADE }
```

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

```
.border{ border-color:#3D9ADE }
```

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

Here you see how a box with a 4 pixel #3D9ADE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D9ADE; -webkit-box-shadow:4px 4px  
4px 4px #3D9ADE; box-shadow:4px 4px 4px  
4px #3D9ADE }
```

Background

The CSS property to change the background color of an element to Hex 3D9ADE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D9ADE }
```

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

```
.background{ background-color:#3D9ADE }
```

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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