

Converting Colors

Hex(3DB4DA)

Have a look what the booklet for
Hex(3DB4DA) contains.

Hex(3DB4DA)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(3DB4DA)

Conversions

Conversions Part 1

Format	Color
Hex	3DB4DA
RGB	61, 180, 218
RGB Percent	24%, 71%, 85%
CMY	0.7608, 0.2941, 0.1451
CMYK	0.72, 0.17, 0.00, 0.15
HSL	195°, 68%, 55%
HSV	195°, 72%, 85%
XYZ	30.9006, 38.6966, 72.1702
YIQ	148.7510, -83.1220, -13.4100

Conversions

Conversions Part 2

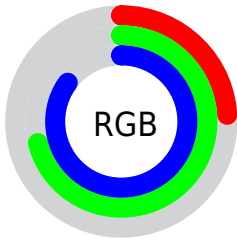
Format	Color
R _Y B	61, 129, 218
Decimal	4043994
CIE Lab	68.53, -20.55, -28.64
CIE LCh	69, 35.248, 234.334
Yxy	38.6966, 0.2180, 0.2730
Android (android.graphics.Color)	4282234074 (0xFF3DB4DA)
YUV	148.7510, 34.1398, -76.9576
Hunter-Lab	62.2066, -20.1930, -25.2419

Details

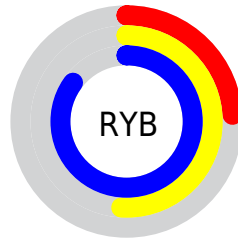
The Hex color **3DB4DA** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light muted azure. A complement of this color would be **DA633D**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **80ECFF**, and **007FA3** is the 20% darker color. If you saturate the color by 10%, you get **27AFDA**, and if you desaturate by 10%, it is **53B9DA**.

Distribution



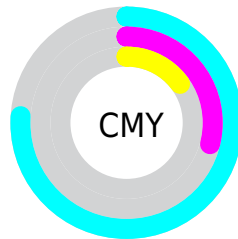
- Red (24%)
- Green (71%)
- Blue (85%)



- Red (24%)
- Yellow (51%)
- Blue (85%)



- Cyan (72%)
- Magenta (17%)
- Yellow (0%)
- Black (15%)



- Cyan (76%)
- Magenta (29%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3DB4DA 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 3DB4DA by changing the saturation by 10% instead.

3DB4DA

3DB4DA

FFFFFF

0099BE

80ECFF

007FA3

9FFFFFF

006689

BDFFFF

004E6F

DCFFFF

003756

FAFFFF

00223F

000329

000113

000000

■ 3DB4DA

■ 3DB4DA

■ 27AFDA

■ 53B9DA

■ 11A9DA

■ 69BFDA

■ 00A5DA

■ 7EC4DA

■ 94C9DA

■ AACEDA

■ C0D4DA

■ D6D9DA

■ EBDEDA

■ FFE3DA

Harmonies

Analogous

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



30B8C0



3DB4DA



70ACE6

Triad

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



3DB4DA



E18FAF



A2AD6C

Complementary

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



3DB4DA



DA633D

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.



C2A368



3DB4DA



E6908E

Square

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



3DB4DA



CA96CD



DA9874



7DB481

Rectangle

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



3DB4DA



93A5E5



DA9874



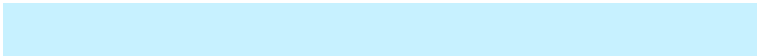
ADAA69

Sweetspot

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



3DB4DA



C7F1FF



3DDA62



5E7780



000000



808080

Same Dimension

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



3DB4DA



24CAFF



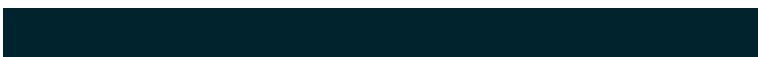
3D67DA



636B6E



0083AD



00232E

Inverse Universe

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



DA3DB4



FF24CA



DAB03D



6E636B



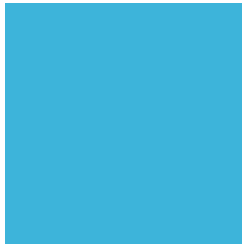
AD0083



2E0023

Previews

White Background



This preview shows how the Hex color 3DB4DA looks on a white background.

Color Contrast Check

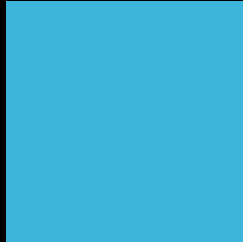
Large Text (above 18pt) WCAG AA × Fail

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 3DB4DA 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 3DB4DA Background



This preview shows how black text looks on a background with the Hex color 3DB4DA.

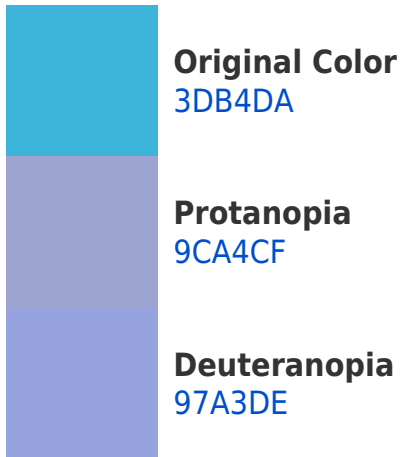


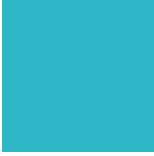
This preview shows how white text looks on a background with the Hex color 3DB4DA.

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](#).

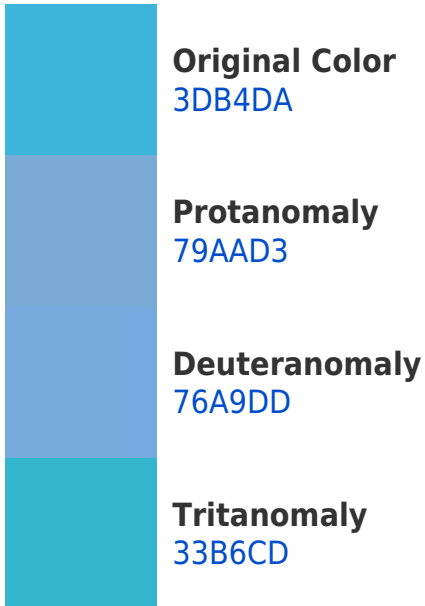
Dichromacy



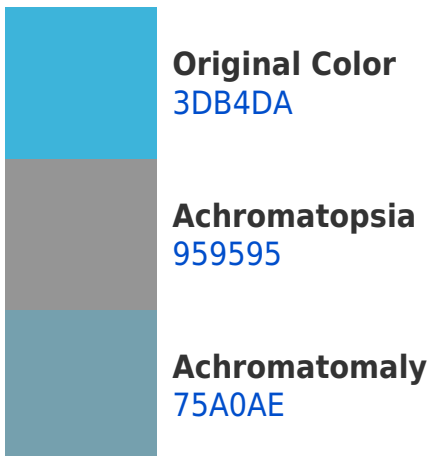


Tritanopia
2EB7C6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3DB4DA 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 #3DB4DA looks like.

```
.text, #text, p{  
    color:#3DB4DA  
}
```

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 #3DB4DA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3DB4DA
}
```

Border

The CSS property to change the border of an element to Hex 3DB4DA 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
#3DB4DA }
```

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

```
.border{ border-color:#3DB4DA }
```

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

Here you see how a box with a 4 pixel #3DB4DA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3DB4DA; -webkit-box-shadow:4px 4px  
4px 4px #3DB4DA; box-shadow:4px 4px 4px  
4px #3DB4DA }
```

Background

The CSS property to change the background color of an element to Hex 3DB4DA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3DB4DA }
```

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

```
.background{ background-color:#3DB4DA }
```

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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