

Converting Colors

Hex(3DB3DB)

Have a look what the booklet for
Hex(3DB3DB) contains.

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Color

Hex(3DB3DB)

Conversions

Conversions Part 1

Format	Color
Hex	3DB3DB
RGB	61, 179, 219
RGB Percent	24%, 70%, 86%
CMY	0.7608, 0.2980, 0.1412
CMYK	0.72, 0.18, 0.00, 0.14
HSL	195°, 69%, 55%
HSV	195°, 72%, 86%
XYZ	30.8308, 38.3468, 72.7945
YIQ	148.2780, -83.1680, -12.5760

Conversions

Conversions Part 2

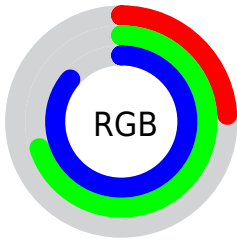
Format	Color
R_{YB}	61, 129, 219
Decimal	4043739
CIE _{Lab}	68.28, -19.71, -29.58
CIE _{LCh}	68, 35.544, 236.322
Yxy	38.3468, 0.2172, 0.2701
Android (android.graphics.Color)	4282233819 (0xFF3DB3DB)
YUV	148.2780, 34.8659, -76.5428
Hunter-Lab	61.9248, -19.4978, -26.3500

Details

The Hex color **3DB3DB** 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 **DB653D**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **80EBFF**, and **007EA4** is the 20% darker color. If you saturate the color by 10%, you get **27ADD8**, and if you desaturate by 10%, it is **53B9DB**.

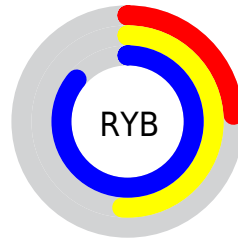
Distribution



Red (24%)

Green (70%)

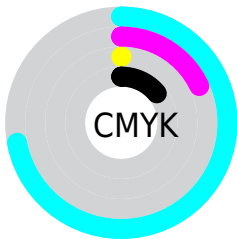
Blue (86%)



Red (24%)

Yellow (51%)

Blue (86%)

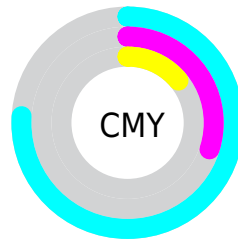


Cyan (72%)

Magenta (18%)

Yellow (0%)

Black (14%)



Cyan (76%)

Magenta (30%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3DB3DB 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 3DB3DB by changing the saturation by 10% instead.

3DB3DB

3DB3DB

FFFFFF

0098BF

80EBFF

007EA4

9FFFFFF

006589

BDFFFF

004D70

DCFFFF

003657

FAFFFF

002140

00032A

000114

000000

■ 3DB3DB

■ 3DB3DB

■ 27ADDB

■ 53B9DB

■ 11A8DB

■ 69BEDB

■ 00A4DB

■ 7FC4DB

■ 95C9DB

■ ABCFDB

■ C0D4DB

■ D6DADB

■ ECDFDB

■ FFE5DB

Harmonies

Analogous

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



2BB7C2



3DB3DB



72ABE6

Triad

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



3DB3DB



E18EAC



9FAD6C

Complementary

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



3DB3DB



DB653D

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.



C0A366



3DB3DB



E5908C

Square

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



3DB3DB



CB94CA



D89872



79B482

Rectangle

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



3DB3DB



95A4E4



D89872



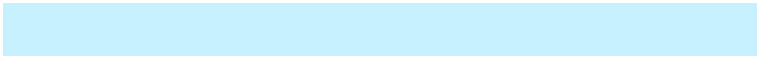
AAAA68

Sweetspot

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



3DB3DB



C7F1FF



3DDB65



5E7780



000000



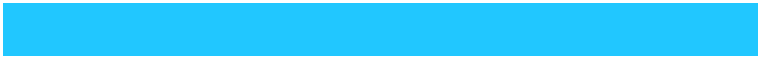
808080

Same Dimension

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



3DB3DB



21C7FF



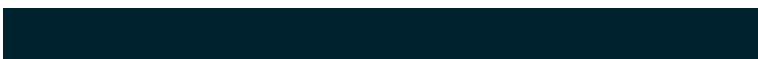
3D65DB



636B6E



0082AD



00222E

Inverse Universe

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



DB3DB3



FF21C7



DBB33D



6E636B



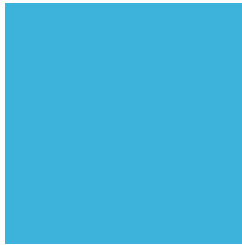
AD0082



2E0022

Previews

White Background



This preview shows how the Hex color 3DB3DB looks on a white background.

Color Contrast Check

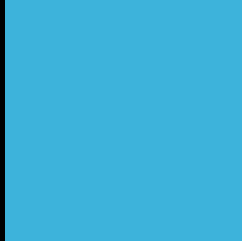
Large Text (above 18pt) WCAG AA × Fail

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 3DB3DB 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 3DB3DB Background



This preview shows how black text looks on a background with the Hex color 3DB3DB.

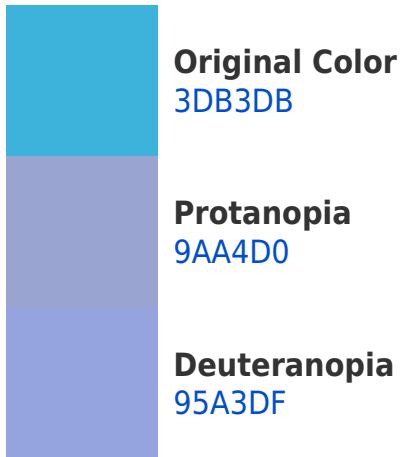


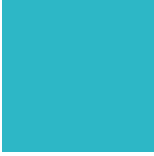
This preview shows how white text looks on a background with the Hex color 3DB3DB.

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](#).

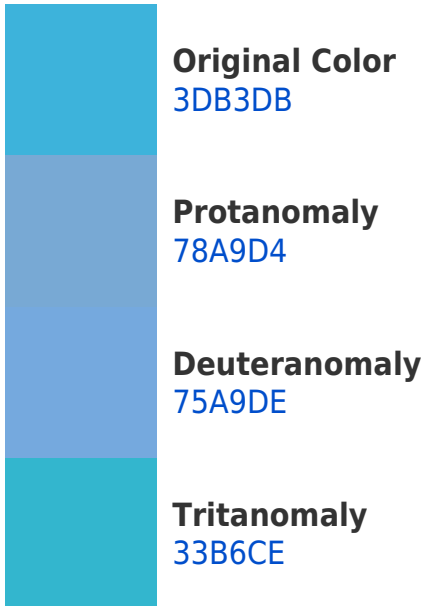
Dichromacy



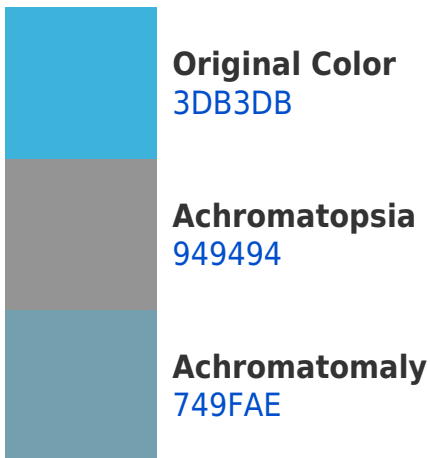


Tritanopia
2DB7C6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3DB3DB 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 #3DB3DB looks like.

```
.text, #text, p{  
    color:#3DB3DB  
}
```

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 #3DB3DB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3DB3DB
}
```

Border

The CSS property to change the border of an element to Hex 3DB3DB 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
#3DB3DB }
```

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

```
.border{ border-color:#3DB3DB }
```

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

Here you see how a box with a 4 pixel #3DB3DB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3DB3DB; -webkit-box-shadow:4px 4px  
4px 4px #3DB3DB; box-shadow:4px 4px 4px  
4px #3DB3DB }
```

Background

The CSS property to change the background color of an element to Hex 3DB3DB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3DB3DB }
```

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

```
.background{ background-color:#3DB3DB }
```

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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