

Converting Colors

Hex(42B9DF)

Have a look what the booklet for
Hex(42B9DF) contains.

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Color

Hex(42B9DF)

Conversions

Conversions Part 1

Format	Color
Hex	42B9DF
RGB	66, 185, 223
RGB Percent	26%, 73%, 87%
CMY	0.7412, 0.2745, 0.1255
CMYK	0.70, 0.17, 0.00, 0.13
HSL	195°, 71%, 57%
HSV	195°, 70%, 87%
XYZ	32.9150, 41.1839, 76.0265
YIQ	153.7510, -83.1220, -13.4100

Conversions

Conversions Part 2

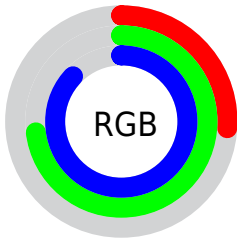
Format	Color
RYB	66, 134, 223
Decimal	4372959
CIELab	70.30, -20.88, -28.63
CIELCh	70, 35.438, 233.894
Yxy	41.1839, 0.2193, 0.2743
Android (android.graphics.Color)	4282563039 (0xFF42B9DF)
YUV	153.7510, 34.1398, -76.9576
Hunter-Lab	64.1747, -20.7535, -25.3175

Details

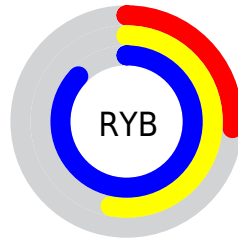
The Hex color **42B9DF** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light muted azure. A complement of this color would be **DF6842**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **84F1FF**, and **0084A8** is the 20% darker color. If you saturate the color by 10%, you get **2CB4DF**, and if you desaturate by 10%, it is **58BEDF**.

Distribution



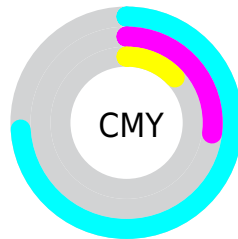
- Red (26%)
- Green (73%)
- Blue (87%)



- Red (26%)
- Yellow (53%)
- Blue (87%)



- Cyan (70%)
- Magenta (17%)
- Yellow (0%)
- Black (13%)



- Cyan (74%)
- Magenta (27%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color 42B9DF 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 42B9DF by changing the saturation by 10% instead.

 42B9DF

 42B9DF

FFFFFF

 0C9EC3


 84F1FF

 0084A8

 A3FFFF

 006A8D

 C1FFFF

 005273

 E0FFFF

 003B5B

 002543

 00052D

 000117

 000000

 42B9DF

 42B9DF

 2CB4DF

 58BEDF

 15AEDF

 6FC4DF

 00A9DF

 85C9DF

 9BCFDF

 B2D4DF

 C8D9DF

 DEDFDF

 F4E4DF

 FFEADF

Harmonies

Analogous

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



36BDC5



42B9DF



74B1EB

Triad

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



42B9DF



E694B4



A7B270

Complementary

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



42B9DF



DF6842

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.



C8A86C



42B9DF



EB9593

Square

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



42B9DF



CE9BD2



E09D79



82B985

Rectangle

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



42B9DF



96AAEA



E09D79



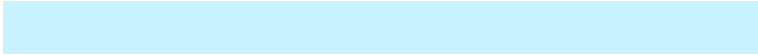
B3AF6D

Sweetspot

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



42B9DF



C9F2FF



42DF67



607880



000000



808080

Same Dimension

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



42B9DF



29CBFF



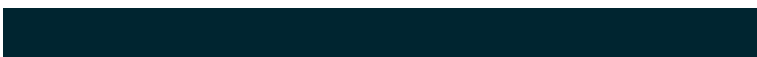
426CDF



656D70



0085B0



002530

Inverse Universe

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



DF42B9



FF29CB



DFB542



70656D



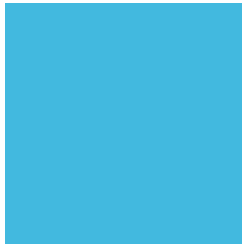
B00085



300025

Previews

White Background



This preview shows how the Hex color 42B9DF looks on a white background.

Color Contrast Check

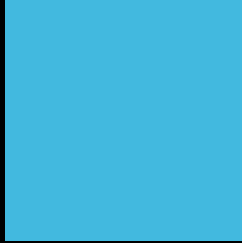
Large Text (above 18pt) WCAG AA × Fail

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 42B9DF 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 42B9DF Background



This preview shows how black text looks on a background with the Hex color 42B9DF.

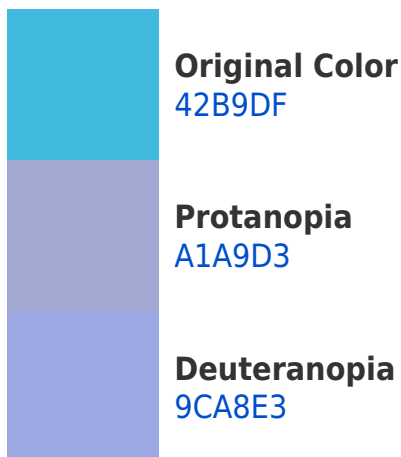


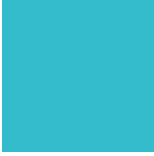
This preview shows how white text looks on a background with the Hex color 42B9DF.

Color Blindness Simulation

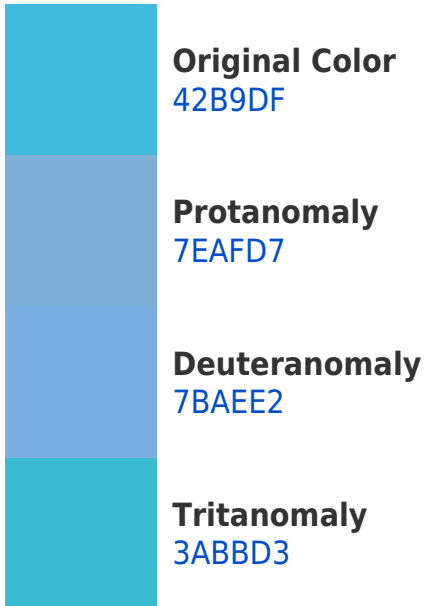
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

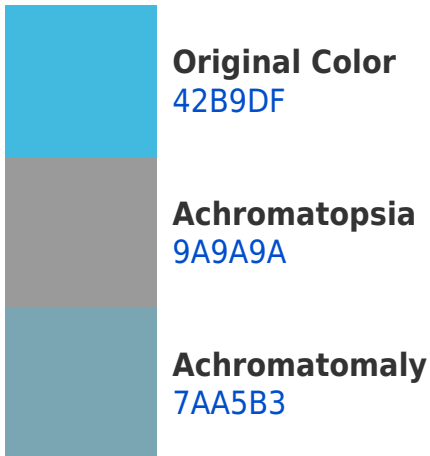




Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 42B9DF 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 #42B9DF looks like.

```
.text, #text, p{  
    color:#42B9DF  
}
```

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 #42B9DF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #42B9DF
}
```

Border

The CSS property to change the border of an element to Hex 42B9DF 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
#42B9DF }
```

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

```
.border{ border-color:#42B9DF }
```

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

Here you see how a box with a 4 pixel #42B9DF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #42B9DF; -webkit-box-shadow:4px 4px  
4px 4px #42B9DF; box-shadow:4px 4px 4px  
4px #42B9DF }
```

Background

The CSS property to change the background color of an element to Hex 42B9DF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#42B9DF }
```

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

```
.background{ background-color:#42B9DF }
```

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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