

Converting Colors

Hex(42BEDC)

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

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Color

Hex(42BEDC)

Conversions

Conversions Part 1

Format	Color
Hex	42BEDC
RGB	66, 190, 220
RGB Percent	26%, 75%, 86%
CMY	0.7412, 0.2549, 0.1373
CMYK	0.70, 0.14, 0.00, 0.14
HSL	192°, 69%, 56%
HSV	192°, 70%, 86%
XYZ	33.5785, 43.1525, 74.2696
YIQ	156.3440, -83.5340, -16.9580

Conversions

Conversions Part 2

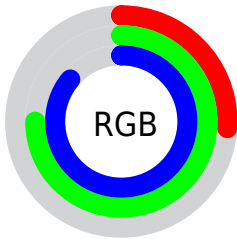
Format	Color
R _{YB}	66, 135, 220
Decimal	4374236
CIE Lab	71.66, -24.37, -24.92
CIE LCh	72, 34.858, 225.633
Yxy	43.1525, 0.2224, 0.2858
Android (android.graphics.Color)	4282564316 (0xFF42BEDC)
YUV	156.3440, 31.3824, -79.2317
Hunter-Lab	65.6905, -23.7161, -21.0498

Details

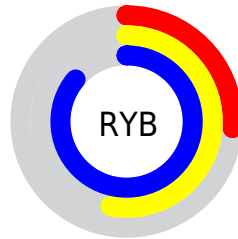
The Hex color **42BEDC** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light muted azure. A complement of this color would be **DC6042**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **84F7FF**, and **0088A5** is the 20% darker color. If you saturate the color by 10%, you get **2CBADC**, and if you desaturate by 10%, it is **58C2DC**.

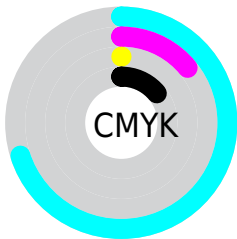
Distribution



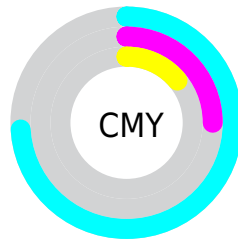
- Red (26%)
- Green (75%)
- Blue (86%)



- Red (26%)
- Yellow (53%)
- Blue (86%)



- Cyan (70%)
- Magenta (14%)
- Yellow (0%)
- Black (14%)



- Cyan (74%)
- Magenta (25%)
- Yellow (14%)

Brightness & Saturation Gradients

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

 42BEDC

 42BEDC

FFFFFF

 0CA3C0

 84F7FF

 0088A5

 A3FFFF

 006F8B

 C2FFFF

 005671

 E0FFFF

 003F58

 002841

 000E2B

 000116

 000000

 42BEDC

 42BEDC

 2CBADC

 58C2DC

 16B5DC

 6EC7DC

 00B1DC

 84CBDC

 9ACFDC

 B0D3DC

 C6D8DC

 DCDCDC

 F2E0DC

 FFE5DC

Harmonies

Analogous

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



46C1C0



42BEDC



6BB7EC

Triad

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



42BEDC



E499C0



B4B372

Complementary

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



42BEDC



DC6042

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.



D3A872



42BEDC



EF98A0

Square

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



42BEDC



C8A1DC



E89E83



91BB82

Rectangle

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



42BEDC



8DB1EE



E89E83



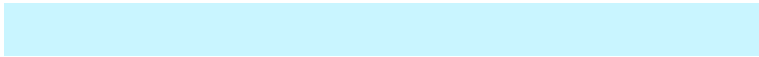
BFB070

Sweetspot

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



42BEDC



C9F5FF



42DC5E



607980



000000



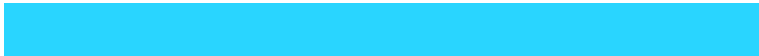
808080

Same Dimension

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



42BEDC



29D5FF



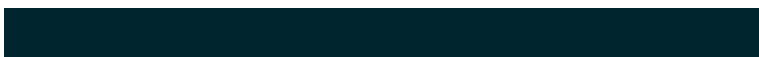
4273DC



636C6E



008CAD



00252E

Inverse Universe

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



DC42BE



FF29D5



DCAB42



6E636C



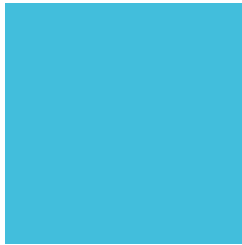
AD008C



2E0025

Previews

White Background



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

Color Contrast Check

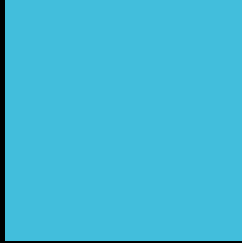
Large Text (above 18pt) WCAG AA × Fail

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 42BEDC 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 42BEDC Background



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

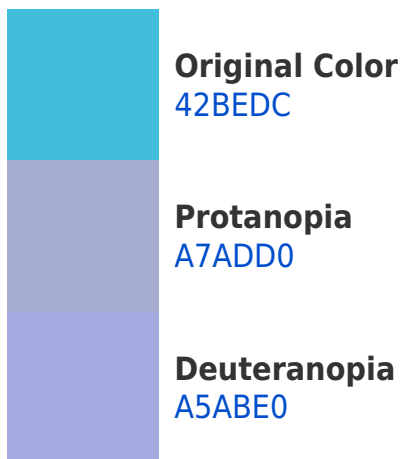


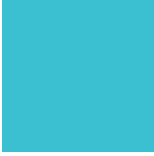
This preview shows how white text looks on a background with the Hex color 42BEDC.

Color Blindness Simulation

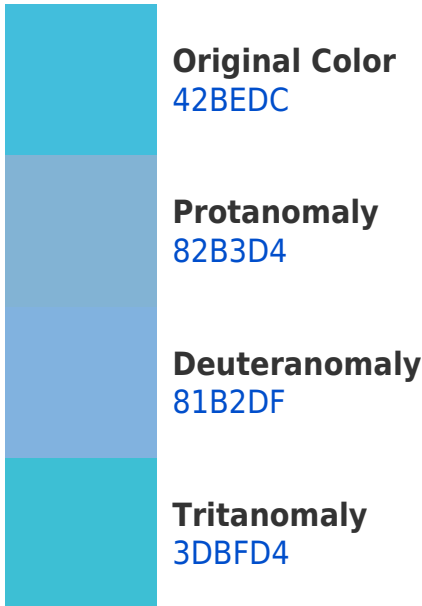
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

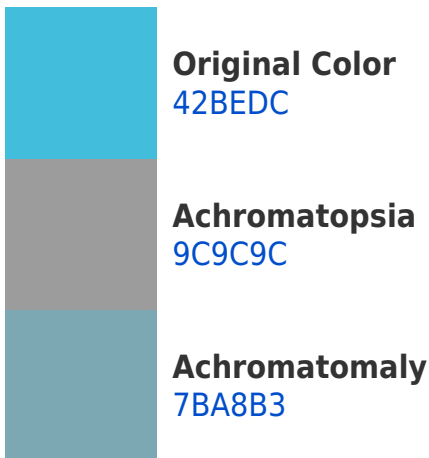




Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #42BEDC colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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