

Converting Colors

Hex(42BED5)

Have a look what the booklet for
Hex(42BED5) contains.

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Color

Hex(42BED5)

Conversions

Conversions Part 1

Format	Color
Hex	42BED5
RGB	66, 190, 213
RGB Percent	26%, 75%, 84%
CMY	0.7412, 0.2549, 0.1647
CMYK	0.69, 0.11, 0.00, 0.16
HSL	189°, 64%, 55%
HSV	189°, 69%, 84%
XYZ	32.6705, 42.7893, 69.4880
YIQ	155.5460, -81.2870, -19.1350

Conversions

Conversions Part 2

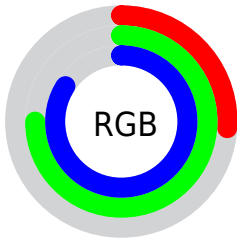
Format	Color
RYB	66, 133, 213
Decimal	4374229
CIELab	71.41, -26.53, -21.48
CIELCh	71, 34.134, 219.002
Yxy	42.7893, 0.2254, 0.2952
Android (android.graphics.Color)	4282564309 (0xFF42BED5)
YUV	155.5460, 28.3248, -78.5318
Hunter-Lab	65.4135, -25.3226, -17.1937

Details

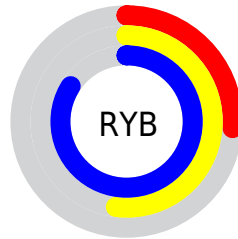
The Hex color **42BED5** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted azure. A complement of this color would be **D55942**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **84F7FF**, and **00889E** is the 20% darker color. If you saturate the color by 10%, you get **2DBBD5**, and if you desaturate by 10%, it is **57C1D5**.

Distribution



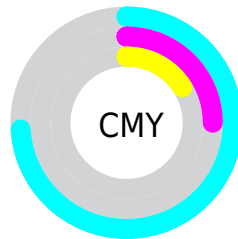
- Red (26%)
- Green (75%)
- Blue (84%)



- Red (26%)
- Yellow (52%)
- Blue (84%)



- Cyan (69%)
- Magenta (11%)
- Yellow (0%)
- Black (16%)



- Cyan (74%)
- Magenta (25%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 42BED5 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 42BED5 by changing the saturation by 10% instead.

 42BED5

 42BED5

FFFFFF

 0FA3B9

 84F7FF

 00889E

 A2FFFF

 006F84

 C0FFFF

 00566B


 DFFFFF

 003E53

 FDFFFF

 00283B

 000C26

 00010F

 000000

 42BED5

 42BED5

 2DBBD5

 57C1D5

 17B7D5

 6DC5D5

 02B4D5

 82C8D5

 00B4D5

 97CBD5

 ADCFD5

 C2D2D5

 D7D5D5

 ECD9D5

 FFDCD5

Harmonies

Analogous

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



50C0B8



42BED5



62B8E8

Triad

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



42BED5



DE9AC6



BBB071

Complementary

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



42BED5



D55942

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.



D7A575



42BED5



EC97A7

Square

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



42BED5



BFA3DF



E99C89



99B97E

Rectangle

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



42BED5



83B2ED



E99C89



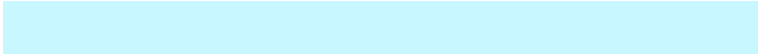
C5AD70

Sweetspot

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



42BED5



C9F7FF



42D558



607B80



000000



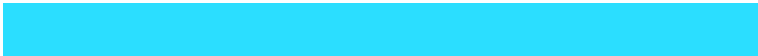
808080

Same Dimension

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



42BED5



2BDEFF



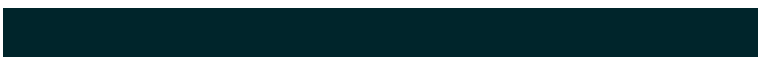
4275D5



60696B



0090AB



00252B

Inverse Universe

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



D542BE



FF2BDE



D5A242



6B6069



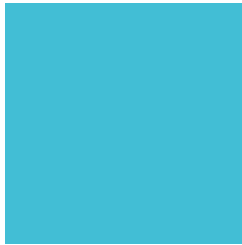
AB0090



2B0025

Previews

White Background



This preview shows how the Hex color 42BED5 looks on a white background.

Color Contrast Check

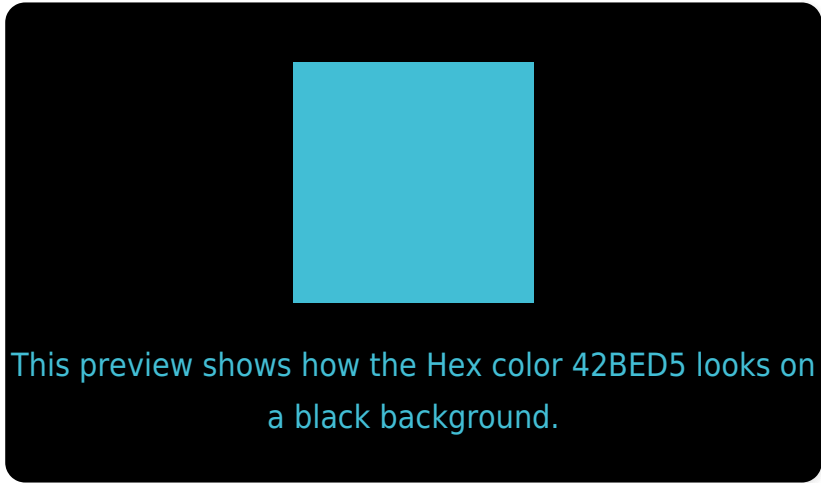
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

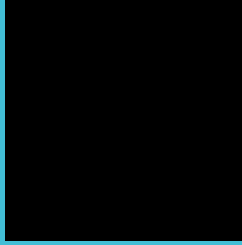
Any Text WCAG AA ✓ Pass

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 42BED5 Background



This preview shows how black text looks on a background with the Hex color 42BED5.

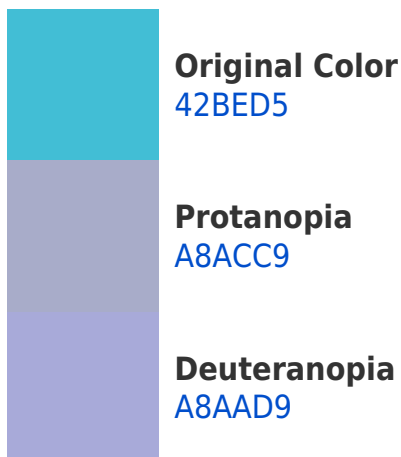


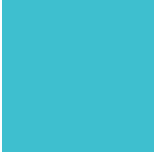
This preview shows how white text looks on a background with the Hex color 42BED5.

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](#).

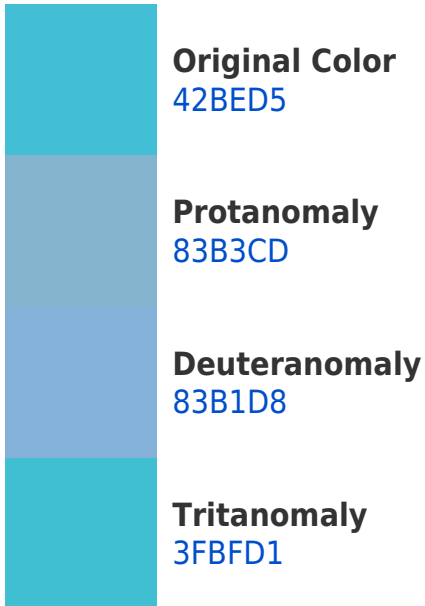
Dichromacy



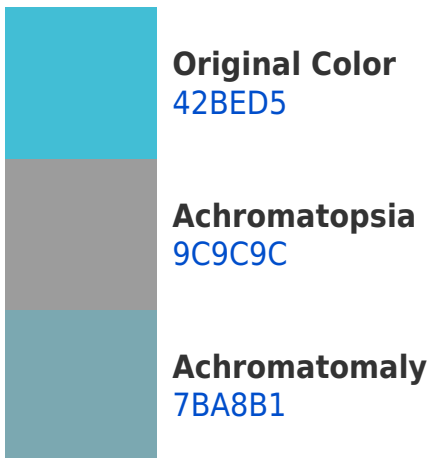


Tritanopia
3EBFCF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 42BED5 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 #42BED5 looks like.

```
.text, #text, p{  
    color:#42BED5  
}
```

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 #42BED5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #42BED5
}
```

Border

The CSS property to change the border of an element to Hex 42BED5 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
#42BED5 }
```

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

```
.border{ border-color:#42BED5 }
```

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

Here you see how a box with a 4 pixel #42BED5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #42BED5; -webkit-box-shadow:4px 4px  
4px 4px #42BED5; box-shadow:4px 4px 4px  
4px #42BED5 }
```

Background

The CSS property to change the background color of an element to Hex 42BED5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#42BED5 }
```

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

```
.background{ background-color:#42BED5 }
```

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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