

# Converting Colors

Hex(41BDDE)

Have a look what the booklet for  
Hex(41BDDE) contains.

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# **Color**

**Hex(41BDDE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	41BDDE
RGB	65, 189, 222
RGB Percent	25%, 74%, 87%
CMY	0.7451, 0.2588, 0.1294
CMYK	0.71, 0.15, 0.00, 0.13
HSL	193°, 70%, 56%
HSV	193°, 71%, 87%
XYZ	33.5624, 42.7929, 75.5982
YIQ	155.6860, -84.4970, -16.0250

# Conversions

## Conversions Part 2

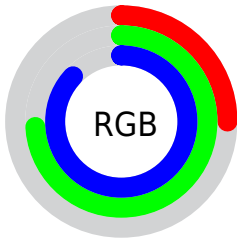
<b>Format</b>	<b>Color</b>
<b>RYB</b>	65, 134, 222
Decimal	4308446
CIELab	71.41, -23.38, -26.38
CIELCh	71, 35.252, 228.456
Yxy	42.7929, 0.2209, 0.2816
Android (android.graphics.Color)	4282498526 (0xFF41BDDE)
YUV	155.6860, 32.6928, -79.5316
Hunter-Lab	65.4163, -22.8976, -22.7269

# Details

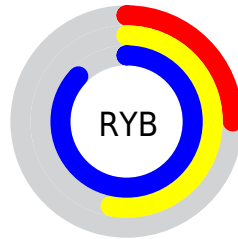
The Hex color **41BDDE** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light muted azure. A complement of this color would be **DE6241**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **84F5FF**, and **0087A7** is the 20% darker color. If you saturate the color by 10%, you get **2BB8DE**, and if you desaturate by 10%, it is **57C2DE**.

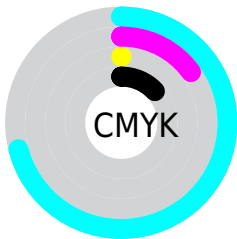
# Distribution



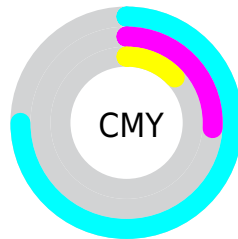
- Red (25%)
- Green (74%)
- Blue (87%)



- Red (25%)
- Yellow (53%)
- Blue (87%)



- Cyan (71%)
- Magenta (15%)
- Yellow (0%)
- Black (13%)



- Cyan (75%)
- Magenta (26%)
- Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 41BDDE 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 41BDDE by changing the saturation by 10% instead.



 41BDDE

 41BDDE

FFFFFF

 07A2C2

 84F5FF

 0087A7

 A3FFFF

 006E8C

 C1FFFF

 005573

 E0FFFF

 003E5A

 002842

 000D2C

 000117

 000000

■ 41BDDE

■ 41BDDE

■ 2BB8DE

■ 57C2DE

■ 15B4DE

■ 6DC6DE

■ 00AFDE

■ 84CBDE

■ 9AD0DE

■ B0D4DE

■ C6D9DE

■ DCDEDE

■ F3E2DE

■ FFE7DE

# Harmonies

## Analogous

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



40C0C2



41BDDE



6EB6ED

# Triad

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



41BDDE



E698BD



B1B371

# Complementary

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



41BDDE



DE6241

# 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.



D0A970



41BDDE



EE979C

# Square

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



41BDDE



CBA0DA



E69E80



8CBB83

# Rectangle

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



41BDDE



91AFEE



E69E80



BCB06F

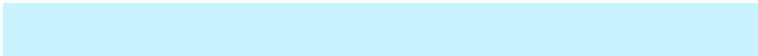


# Sweetspot

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



41BDDE



C9F4FF



41DE60



607980



000000



808080



# Same Dimension

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



41BDDE



26D1FF



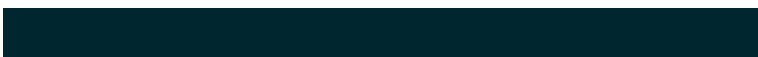
4170DE



656E70



008BB0



002630



# Inverse Universe

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



DE41BD



FF26D1



DEAF41



70656E



B0008B

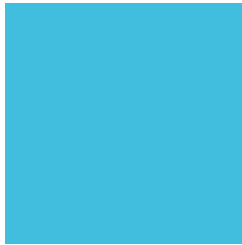


300026



# Previews

## White Background



This preview shows how the Hex color 41BDDE looks on a white background.

## Color Contrast Check

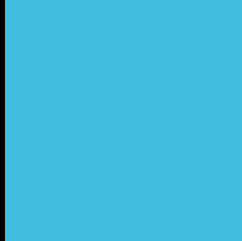
Large Text (above 18pt) WCAG AA × Fail

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 41BDDE 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 41BDDE Background



This preview shows how black text looks on a background with the Hex color 41BDDE.

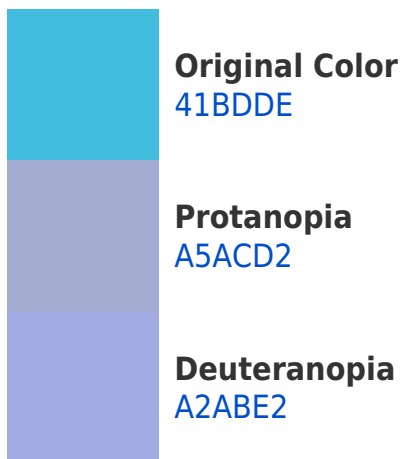


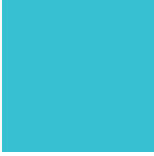
This preview shows how white text looks on a background with the Hex color 41BDDE.

# Color Blindness Simulation

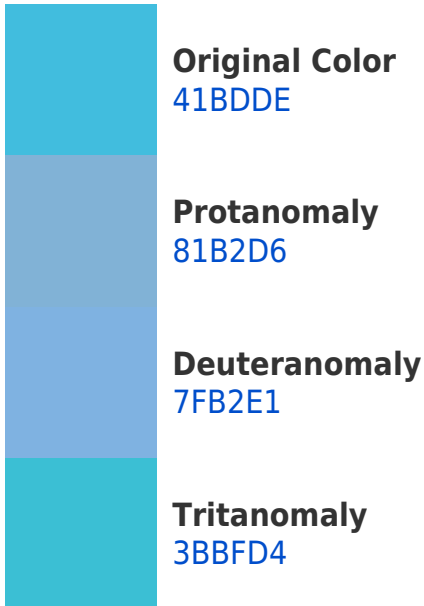
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

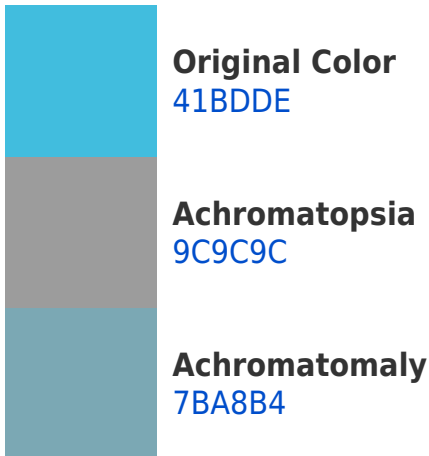




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 41BDDE 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 #41BDDE looks like.

```
.text, #text, p{  
  color:#41BDDE  
}
```

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 #41BDDE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #41BDDE
}
```

## Border

The CSS property to change the border of an element to Hex 41BDDE 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
#41BDDE }
```

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

```
.border{ border-color:#41BDDE }
```

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

Here you see how a box with a 4 pixel #41BDDE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #41BDDE; -webkit-box-shadow:4px 4px  
4px 4px #41BDDE; box-shadow:4px 4px 4px  
4px #41BDDE }
```

# Background

The CSS property to change the background color of an element to Hex 41BDDE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#41BDDE }
```

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

```
.background{ background-color:#41BDDE }
```

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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