

Converting Colors

Hex(41A7DE)

Have a look what the booklet for
Hex(41A7DE) contains.

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Color

Hex(41A7DE)

Conversions

Conversions Part 1

Format	Color
Hex	41A7DE
RGB	65, 167, 222
RGB Percent	25%, 65%, 87%
CMY	0.7451, 0.3451, 0.1294
CMYK	0.71, 0.25, 0.00, 0.13
HSL	201°, 70%, 56%
HSV	201°, 71%, 87%
XYZ	29.1835, 34.0352, 74.1386
YIQ	142.7720, -78.4470, -4.5190

Conversions

Conversions Part 2

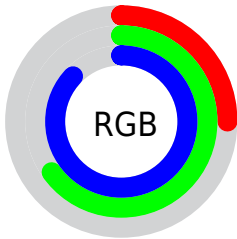
Format	Color
RYB	65, 127, 222
Decimal	4302814
CIELab	64.99, -11.78, -36.31
CIELCh	65, 38.175, 252.024
Yxy	34.0352, 0.2125, 0.2478
Android (android.graphics.Color)	4282492894 (0xFF41A7DE)
YUV	142.7720, 39.0594, -68.2060
Hunter-Lab	58.3397, -12.8026, -34.5085

Details

The Hex color **41A7DE** is a light color, and the websafe version is hex **3399CC**. The color can be described as light muted azure. A complement of this color would be **DE7841**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **83DEFF**, and **0073A7** is the 20% darker color. If you saturate the color by 10%, you get **2B9FDE**, and if you desaturate by 10%, it is **57AFDE**.

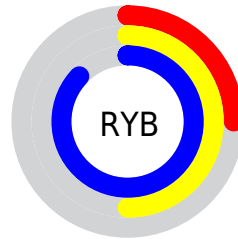
Distribution



Red (25%)

Green (65%)

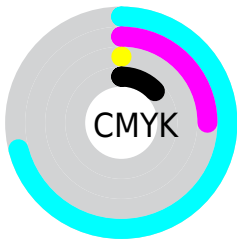
Blue (87%)



Red (25%)

Yellow (50%)

Blue (87%)

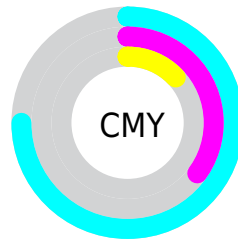


Cyan (71%)

Magenta (25%)

Yellow (0%)

Black (13%)



Cyan (75%)

Magenta (35%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color 41A7DE 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 41A7DE by changing the saturation by 10% instead.

■ 41A7DE

■ 41A7DE

FFFFFF

■ 0D8DC2

■ 83DEFF

■ 0073A7

■ A1FBFF

■ 005B8C

■ BFFFFF

■ 004372

■ DEFFFF

■ 002D59

■ FCFFFF

■ 001A42

■ 00032B

■ 000115

■ 000000

■ 41A7DE

■ 41A7DE

■ 2B9FDE

■ 57AFDE

■ 1597DE

■ 6DB7DE

■ 0090DE

■ 84BEDE

■ 9AC6DE

■ B0CEDE

■ C6D6DE

■ DCDDDE

■ F3E5DE

■ FFEDDE

Harmonies

Analogous

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



00AECA



41A7DE



829CE0

Triad

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



41A7DE



E08391



81A96A

Complementary

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



41A7DE



DE7841

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.



A6A05A



41A7DE



DA8972

Square

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



41A7DE



D385B4



C5955D



54AE87

Rectangle

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



41A7DE



A494D8



C5955D



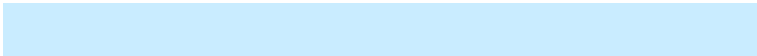
8EA662

Sweetspot

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



41A7DE



C9ECFF



41DE78



607480



000000



808080

Same Dimension

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



41A7DE



26B3FF



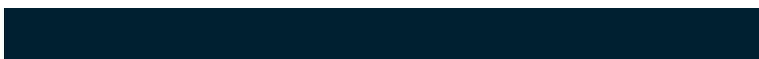
4159DE



656C70



0072B0



001F30

Inverse Universe

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



DE41A7



FF26B3



DEC641



70656C



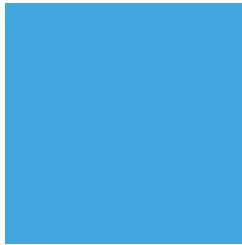
B00072



30001F

Previews

White Background



This preview shows how the Hex color 41A7DE 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 41A7DE looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

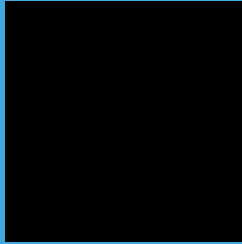
Any Text WCAG AA ✓ Pass

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 41A7DE Background



This preview shows how black text looks on a background with the Hex color 41A7DE.

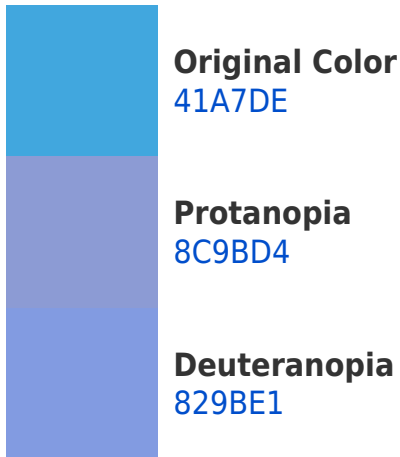


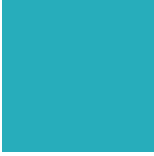
This preview shows how white text looks on a background with the Hex color 41A7DE.

Color Blindness Simulation

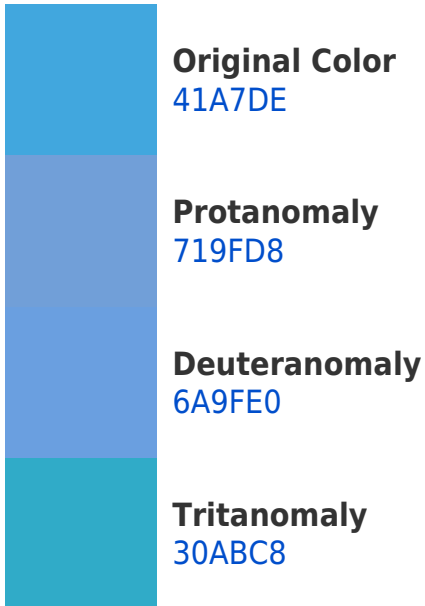
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

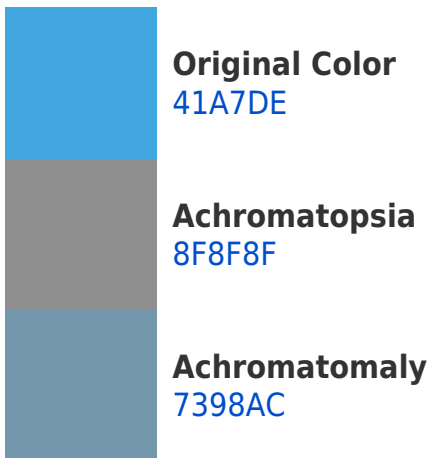




Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 41A7DE 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 #41A7DE looks like.

```
.text, #text, p{  
    color:#41A7DE  
}
```

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 #41A7DE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #41A7DE
}
```

Border

The CSS property to change the border of an element to Hex 41A7DE 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
#41A7DE }
```

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

```
.border{ border-color:#41A7DE }
```

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

Here you see how a box with a 4 pixel #41A7DE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #41A7DE; -webkit-box-shadow:4px 4px  
4px 4px #41A7DE; box-shadow:4px 4px 4px  
4px #41A7DE }
```

Background

The CSS property to change the background color of an element to Hex 41A7DE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#41A7DE }
```

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

```
.background{ background-color:#41A7DE }
```

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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