

Converting Colors

Hex(40BAE9)

Have a look what the booklet for
Hex(40BAE9) contains.

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Color

Hex(40BAE9)

Conversions

Conversions Part 1

Format	Color
Hex	40BAE9
RGB	64, 186, 233
RGB Percent	25%, 73%, 91%
CMY	0.7490, 0.2706, 0.0863
CMYK	0.73, 0.20, 0.00, 0.09
HSL	197°, 79%, 58%
HSV	197°, 73%, 91%
XYZ	34.3812, 42.0910, 83.4031
YIQ	154.8800, -87.7990, -11.2470

Conversions

Conversions Part 2

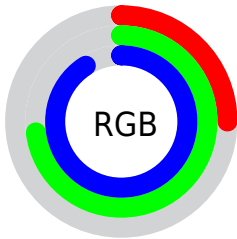
Format	Color
RYB	64, 135, 233
Decimal	4242153
CIELab	70.93, -18.46, -33.11
CIELCh	71, 37.905, 240.863
Yxy	42.0910, 0.2151, 0.2633
Android (android.graphics.Color)	4282432233 (0xFF40BAE9)
YUV	154.8800, 38.5132, -79.7018
Hunter-Lab	64.8776, -18.9414, -30.8057

Details

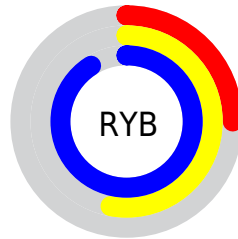
The Hex color **40BAE9** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light muted azure. A complement of this color would be **E96F40**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **84F2FF**, and **0085B1** is the 20% darker color. If you saturate the color by 10%, you get **29B4E9**, and if you desaturate by 10%, it is **57C0E9**.

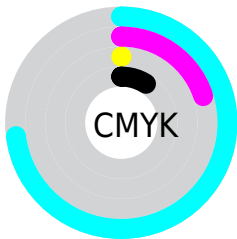
Distribution



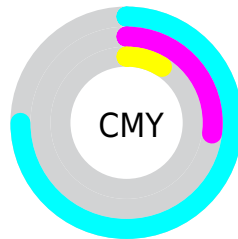
- Red (25%)
- Green (73%)
- Blue (91%)



- Red (25%)
- Yellow (53%)
- Blue (91%)



- Cyan (73%)
- Magenta (20%)
- Yellow (0%)
- Black (9%)



- Cyan (75%)
- Magenta (27%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 40BAE9 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 40BAE9 by changing the saturation by 10% instead.

 40BAE9

 40BAE9

FFFFFF

 009FCD

 84F2FF

 0085B1

 A4FFFF

 006B96

 C2FFFF

 00537C

 E1FFFF

 003C63

 00264B

 000B34

 00021E

 000001

■ 40BAE9

■ 40BAE9

■ 29B4E9

■ 57C0E9

■ 11ADE9

■ 6FC7E9

■ 00A8E9

■ 86CDE9

■ 9DD4E9

■ B4DAE9

■ CCE1E9

■ E3E7E9

■ FAEEE9

■ FFF4E9

Harmonies

Analogous

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



1BBFD0



40BAE9



7DB1F2

Triad

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



40BAE9



EE93AE



9FB671

Complementary

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



40BAE9



E96F40

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.



C3AC68



40BAE9



EF968C

Square

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



40BAE9



DA99D0



E0A072



76BD8B

Rectangle

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



40BAE9



A2A9EE



E0A072



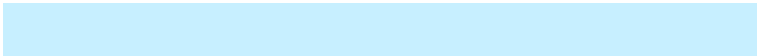
ACB36C

Sweetspot

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



40BAE9



C7EFFF



40E96D



5E7680



000000



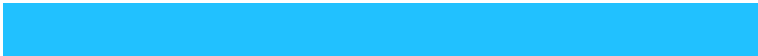
808080

Same Dimension

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



40BAE9



21C1FF



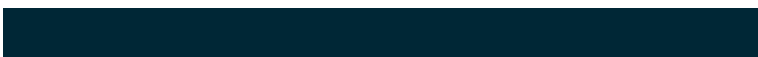
4067E9



6A7275



0083B5



002736

Inverse Universe

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



E940BA



FF21C1



E9C240



756A72



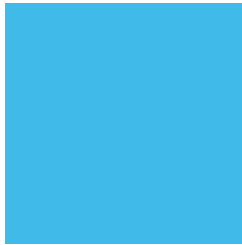
B50083



360027

Previews

White Background



This preview shows how the Hex color 40BAE9 looks on a white background.

Color Contrast Check

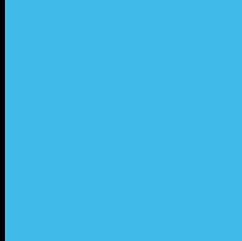
Large Text (above 18pt) WCAG AA × Fail

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 40BAE9 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

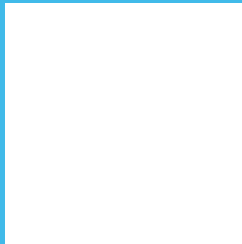
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 40BAE9 Background



This preview shows how black text looks on a background with the Hex color 40BAE9.

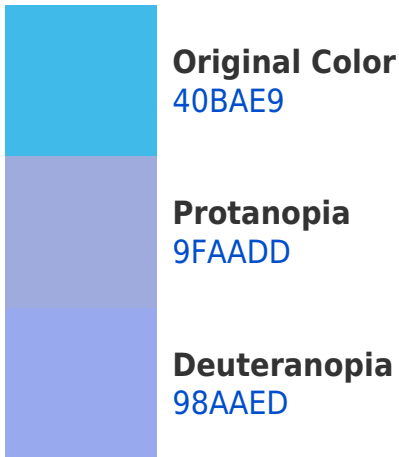


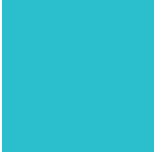
This preview shows how white text looks on a background with the Hex color 40BAE9.

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](#).

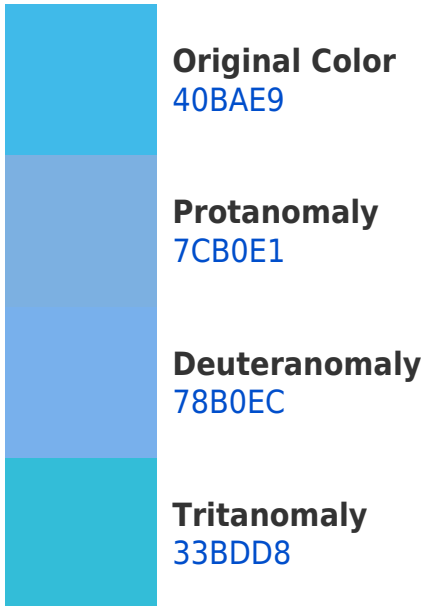
Dichromacy



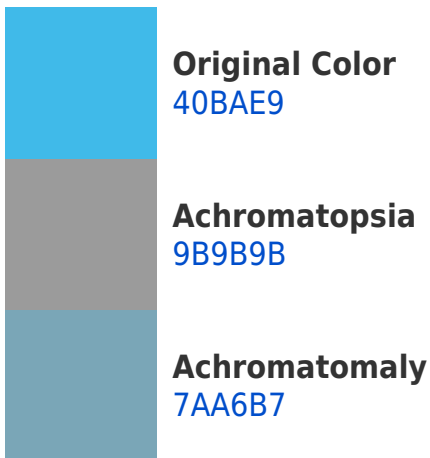


Tritanopia
2BBFCE

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 40BAE9 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 #40BAE9 looks like.

```
.text, #text, p{  
    color:#40BAE9  
}
```

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 #40BAE9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #40BAE9
}
```

Border

The CSS property to change the border of an element to Hex 40BAE9 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
#40BAE9 }
```

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

```
.border{ border-color:#40BAE9 }
```

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

Here you see how a box with a 4 pixel #40BAE9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #40BAE9; -webkit-box-shadow:4px 4px  
4px 4px #40BAE9; box-shadow:4px 4px 4px  
4px #40BAE9 }
```

Background

The CSS property to change the background color of an element to Hex 40BAE9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#40BAE9 }
```

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

```
.background{ background-color:#40BAE9 }
```

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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