

Converting Colors

Hex(40BAEC)

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

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Color

Hex(40BAEC)

Conversions

Conversions Part 1

Format	Color
Hex	40BAEC
RGB	64, 186, 236
RGB Percent	25%, 73%, 93%
CMY	0.7490, 0.2706, 0.0745
CMYK	0.73, 0.21, 0.00, 0.07
HSL	197°, 82%, 59%
HSV	197°, 73%, 93%
XYZ	34.8136, 42.2639, 85.6798
YIQ	155.2220, -88.7620, -10.3140

Conversions

Conversions Part 2

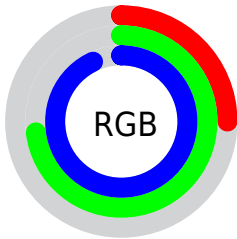
Format	Color
R _{YB}	64, 135, 236
Decimal	4242156
CIE Lab	71.05, -17.48, -34.55
CIE LCh	71, 38.724, 243.164
Yxy	42.2639, 0.2139, 0.2597
Android (android.graphics.Color)	4282432236 (0xFF40BAEC)
YUV	155.2220, 39.8236, -80.0017
Hunter-Lab	65.0107, -18.1811, -32.6327

Details

The Hex color **40BAEC** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light muted azure. A complement of this color would be **EC7240**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **85F2FF**, and **0085B4** is the 20% darker color. If you saturate the color by 10%, you get **28B3EC**, and if you desaturate by 10%, it is **58C1EC**.

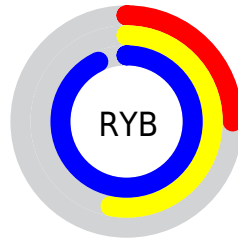
Distribution



Red (25%)

Green (73%)

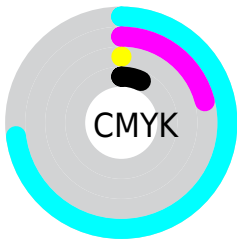
Blue (93%)



Red (25%)

Yellow (53%)

Blue (93%)

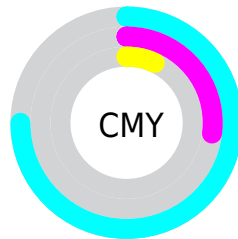


Cyan (73%)

Magenta (21%)

Yellow (0%)

Black (7%)



Cyan (75%)

Magenta (27%)

Yellow (7%)

Brightness & Saturation Gradients

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

 40BAEC

 40BAEC

FFFFFF

 009FD0

 85F2FF

 0085B4

 A4FFFF

 006C99

 C3FFFF

 00537F

 E2FFFF

 003C66

 00264D

 000C36

 000220

 000005

■ 40BAEC

■ 40BAEC

■ 28B3EC

■ 58C1EC

■ 11ACEC

■ 6FC8EC

■ 00A7EC

■ 87CFEC

■ 9ED5EC

■ B6DCEC

■ CEE3EC

■ E5EAEC

■ FDF1EC

■ FFF8EC

Harmonies

Analogous

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



07C0D3



40BAEC



81B0F4

Triad

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



40BAEC



F192AB



9CB772

Complementary

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



40BAEC



EC7240

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.



C1AD67



40BAEC



F09689

Square

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



40BAEC



DD98CE



DFA170



71BE8D

Rectangle

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



40BAEC



A6A8EF



DFA170



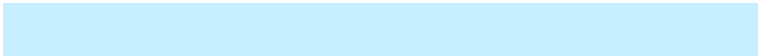
A9B46C

Sweetspot

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



40BAEC



C7EFFF



40EC71



5E7680



000000



808080

Same Dimension

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



40BAEC



21BFFF



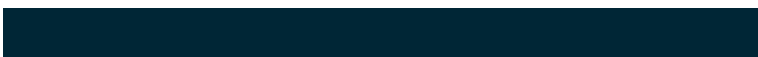
4065EC



6A7275



0080B5



002636

Inverse Universe

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



EC40BA



FF21BF



ECC740



756A72



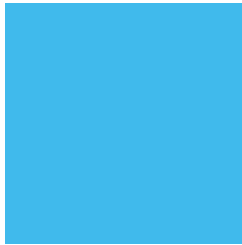
B50080



360026

Previews

White Background



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

Color Contrast Check

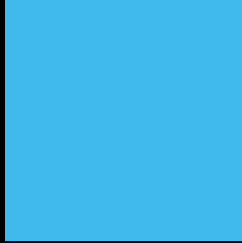
Large Text (above 18pt) WCAG AA × Fail

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 40BAEC 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

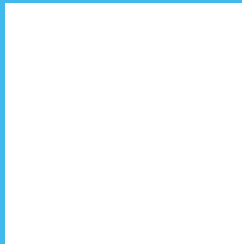
Any Text WCAG AAA ✓ Pass

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

Hex 40BAEC Background



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



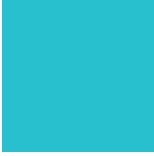
This preview shows how white text looks on a background with the Hex color 40BAEC.

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](#).

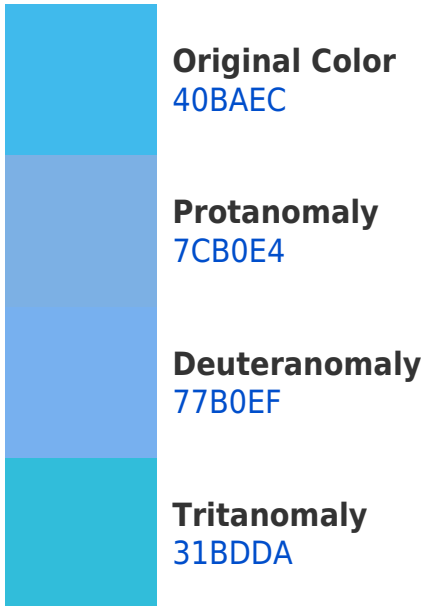
Dichromacy



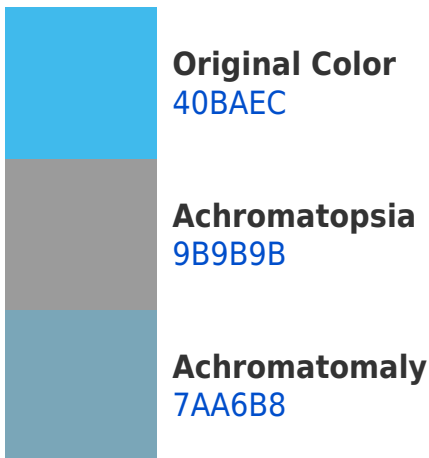


Tritanopia
28BFCF

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #40BAEC colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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