

Converting Colors

Hex(38B8E4)

Have a look what the booklet for
Hex(38B8E4) contains.

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Color

Hex(38B8E4)

Conversions

Conversions Part 1

Format	Color
Hex	38B8E4
RGB	56, 184, 228
RGB Percent	22%, 72%, 89%
CMY	0.7804, 0.2784, 0.1059
CMYK	0.75, 0.19, 0.00, 0.11
HSL	195°, 76%, 56%
HSV	195°, 75%, 89%
XYZ	32.7750, 40.7232, 79.5317
YIQ	150.7440, -90.4120, -13.4520

Conversions

Conversions Part 2

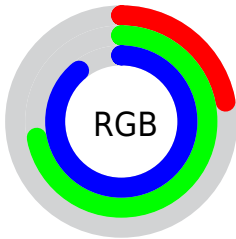
Format	Color
RYB	56, 129, 228
Decimal	3717348
CIELab	69.98, -19.99, -31.87
CIElCh	70, 37.623, 237.907
Yxy	40.7232, 0.2142, 0.2661
Android (android.graphics.Color)	4281907428 (0xFF38B8E4)
YUV	150.7440, 38.0872, -83.0905
Hunter-Lab	63.8147, -19.9989, -29.2223

Details

The Hex color **38B8E4** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light washed azure. A complement of this color would be **E46438**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **7FF0FF**, and **0083AC** is the 20% darker color. If you saturate the color by 10%, you get **21B2E4**, and if you desaturate by 10%, it is **4FBEE4**.

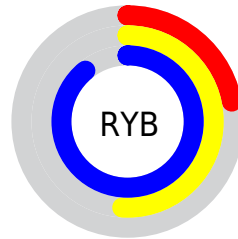
Distribution



Red (22%)

Green (72%)

Blue (89%)



Red (22%)

Yellow (51%)

Blue (89%)

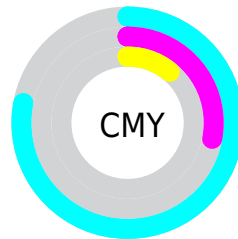


Cyan (75%)

Magenta (19%)

Yellow (0%)

Black (11%)



Cyan (78%)

Magenta (28%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 38B8E4 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 38B8E4 by changing the saturation by 10% instead.

 38B8E4

 38B8E4

FFFFFF

 009DC8

 7FF0FF

 0083AC

 9EFFFF

 006A92

 BDFFFF


 005178

 DCFFFF

 003A5F

 FBFFFF

 002547

 000431

 00011B

 000000

■ 38B8E4

■ 38B8E4

■ 21B2E4

■ 4FBEE4

■ 0AACE4

■ 66C4E4

■ 00AAE4

■ 7CC9E4

■ 93CFE4

■ AAD5E4

■ C1DBE4

■ D8E1E4

■ EEE7E4

■ FFECE4

Harmonies

Analogous

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



1ABDCA



38B8E4



75AFEF

Triad

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



38B8E4



EA91AF



A1B36D

Complementary

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



38B8E4



E46438

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.



C4A866



38B8E4



ED938D

Square

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



38B8E4



D497D0



DF9C72



78BA86

Rectangle

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



38B8E4



9BA7EC



DF9C72



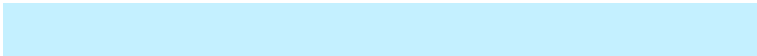
ADAF69

Sweetspot

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



38B8E4



C4F0FF



38E463



5C7680



000000



808080

Same Dimension

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



38B8E4



17C4FF



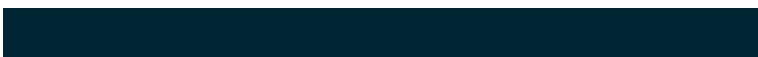
3863E4



677073



0085B3



002633

Inverse Universe

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



E438B8



FF17C4



E4B938



736770



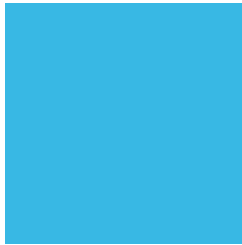
B30085



330026

Previews

White Background



This preview shows how the Hex color 38B8E4 looks on a white background.

Color Contrast Check

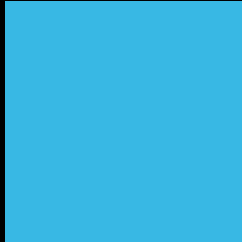
Large Text (above 18pt) WCAG AA × Fail

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 38B8E4 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 38B8E4 Background



This preview shows how black text looks on a background with the Hex color 38B8E4.

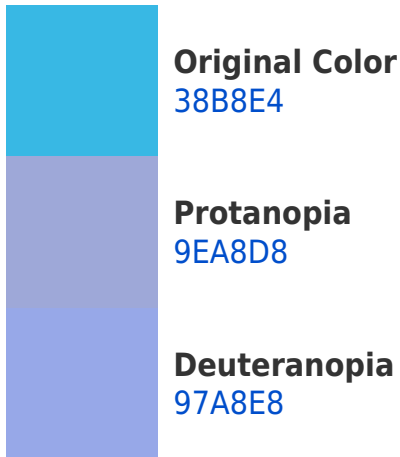


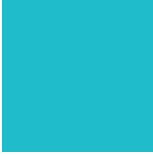
This preview shows how white text looks on a background with the Hex color 38B8E4.

Color Blindness Simulation

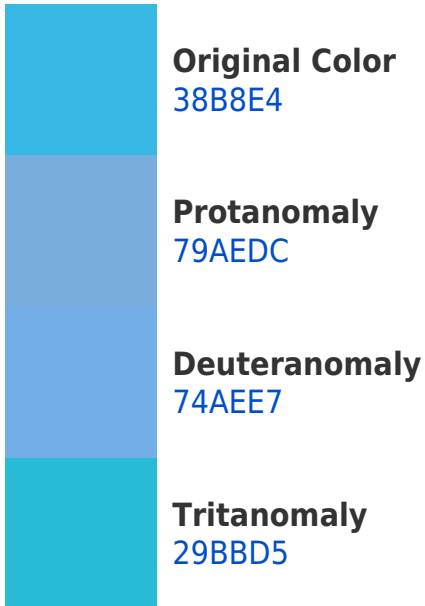
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 38B8E4 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 #38B8E4 looks like.

```
.text, #text, p{  
    color:#38B8E4  
}
```

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 #38B8E4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #38B8E4
}
```

Border

The CSS property to change the border of an element to Hex 38B8E4 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
#38B8E4 }
```

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

```
.border{ border-color:#38B8E4 }
```

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

Here you see how a box with a 4 pixel #38B8E4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #38B8E4; -webkit-box-shadow:4px 4px  
4px 4px #38B8E4; box-shadow:4px 4px 4px  
4px #38B8E4 }
```

Background

The CSS property to change the background color of an element to Hex 38B8E4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#38B8E4 }
```

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

```
.background{ background-color:#38B8E4 }
```

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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