

Converting Colors

Hex(38A8E8)

Have a look what the booklet for
Hex(38A8E8) contains.

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Color

Hex(38A8E8)

Conversions

Conversions Part 1

Format	Color
Hex	38A8E8
RGB	56, 168, 232
RGB Percent	22%, 66%, 91%
CMY	0.7804, 0.3412, 0.0902
CMYK	0.76, 0.28, 0.00, 0.09
HSL	202°, 79%, 56%
HSV	202°, 76%, 91%
XYZ	30.1990, 34.6722, 81.4447
YIQ	141.8080, -87.2960, -3.8400

Conversions

Conversions Part 2

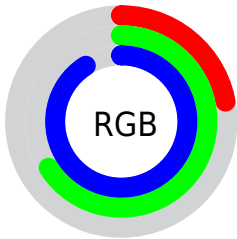
Format	Color
R _Y B	56, 124, 232
Decimal	3713256
CIE Lab	65.49, -10.08, -41.05
CIE LCh	65, 42.265, 256.205
Yxy	34.6722, 0.2064, 0.2370
Android (android.graphics.Color)	4281903336 (0xFF38A8E8)
YUV	141.8080, 44.4647, -75.2536
Hunter-Lab	58.8831, -11.4993, -40.7893

Details

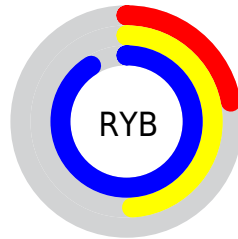
The Hex color **38A8E8** is a light color, and the websafe version is hex **3399CC**. The color can be described as light washed azure. A complement of this color would be **E87838**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **7EDFFF**, and **0074B0** is the 20% darker color. If you saturate the color by 10%, you get **21A0E8**, and if you desaturate by 10%, it is **4FB0E8**.

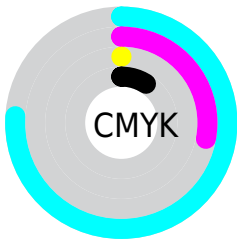
Distribution



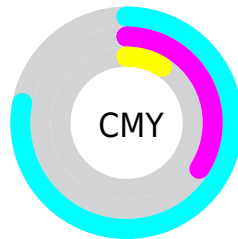
- Red (22%)
- Green (66%)
- Blue (91%)



- Red (22%)
- Yellow (49%)
- Blue (91%)



- Cyan (76%)
- Magenta (28%)
- Yellow (0%)
- Black (9%)



- Cyan (78%)
- Magenta (34%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 38A8E8 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 38A8E8 by changing the saturation by 10% instead.

 38A8E8

 38A8E8

FFFFFF

 008ECC

 7EDFFF

 0074B0

 9EFCFF

 005C95

 BCFFFF


 00447B

 DBFFFF

 002E62

 FAFFFF

 001B49

 000432

 00021C

 000000

■ 38A8E8

■ 38A8E8

■ 21A0E8

■ 4FB0E8

■ 0A97E8

■ 66B9E8

■ 0094E8

■ 7EC1E8

■ 95CAE8

■ ACD2E8

■ C3DBE8

■ DAE3E8

■ F2EBE8

■ FFF4E8

Harmonies

Analogous

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



00B0D5



38A8E8



879CE8

Triad

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



38A8E8



E8818C



78AC69

Complementary

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



38A8E8



E87838

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.



A2A354



38A8E8



DF896A

Square

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



38A8E8



DD82B2



C69755



40B28C

Rectangle

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



38A8E8



AD92DC



C69755



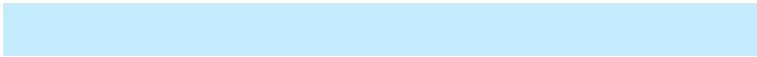
87AA60

Sweetspot

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



38A8E8



C4EAFF



38E876



5C7380



000000



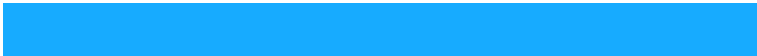
808080

Same Dimension

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



38A8E8



17ABFF



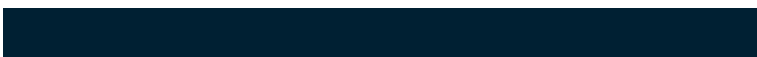
3852E8



676F73



0072B3



002033

Inverse Universe

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



E838A8



FF17AB



E8CE38



73676F



B30072



330020

Previews

White Background



This preview shows how the Hex color 38A8E8 looks on a white background.

Color Contrast Check

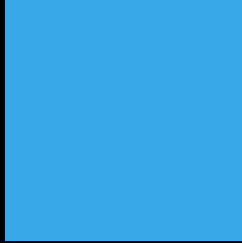
Large Text (above 18pt) WCAG AA × Fail

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 38A8E8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

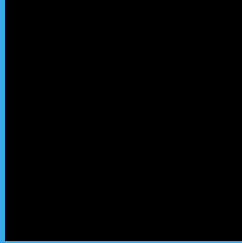
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

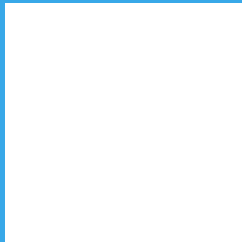
Any Text WCAG AAA ✓ Pass

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

Hex 38A8E8 Background



This preview shows how black text looks on a background with the Hex color 38A8E8.



This preview shows how white text looks on a background with the Hex color 38A8E8.

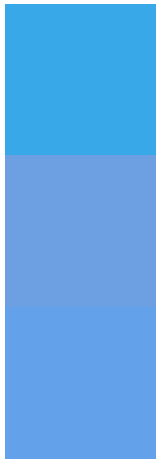
Color Blindness Simulation

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



Original Color
38A8E8

Protanomaly
6CA0E2

Deuteranomaly
63A1EA

Monochromacy



Original Color
38A8E8

Achromatopsia
8E8E8E

Achromatomaly
6F97AF

CSS Examples

Text

The CSS property to change the color of the text to Hex 38A8E8 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 #38A8E8 looks like.

```
.text, #text, p{  
    color:#38A8E8  
}
```

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 #38A8E8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #38A8E8
}
```

Border

The CSS property to change the border of an element to Hex 38A8E8 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
#38A8E8 }
```

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

```
.border{ border-color:#38A8E8 }
```

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

Here you see how a box with a 4 pixel #38A8E8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #38A8E8; -webkit-box-shadow:4px 4px  
4px 4px #38A8E8; box-shadow:4px 4px 4px  
4px #38A8E8 }
```

Background

The CSS property to change the background color of an element to Hex 38A8E8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#38A8E8 }
```

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

```
.background{ background-color:#38A8E8 }
```

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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