

Converting Colors

Hex(37C3E8)

Have a look what the booklet for
Hex(37C3E8) contains.

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Color

Hex(37C3E8)

Conversions

Conversions Part 1

Format	Color
Hex	37C3E8
RGB	55, 195, 232
RGB Percent	22%, 76%, 91%
CMY	0.7843, 0.2353, 0.0902
CMYK	0.76, 0.16, 0.00, 0.09
HSL	193°, 79%, 56%
HSV	193°, 76%, 91%
XYZ	35.6561, 45.6686, 83.2796
YIQ	157.3580, -95.3170, -18.1730

Conversions

Conversions Part 2

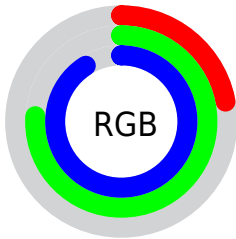
Format	Color
RYB	55, 133, 232
Decimal	3654632
CIELab	73.33, -24.44, -28.89
CIElCh	73, 37.835, 229.772
Yxy	45.6686, 0.2166, 0.2774
Android (android.graphics.Color)	4281844712 (0xFF37C3E8)
YUV	157.3580, 36.7985, -89.7680
Hunter-Lab	67.5786, -24.0814, -25.7603

Details

The Hex color **37C3E8** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light washed cyan. A complement of this color would be **E85C37**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **7FFCFF**, and **008DB0** is the 20% darker color. If you saturate the color by 10%, you get **20BEE8**, and if you desaturate by 10%, it is **4EC8E8**.

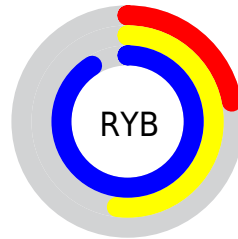
Distribution



Red (22%)

Green (76%)

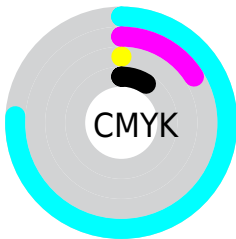
Blue (91%)



Red (22%)

Yellow (52%)

Blue (91%)

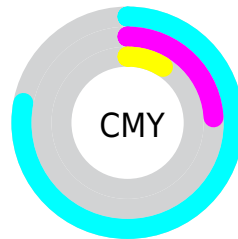


Cyan (76%)

Magenta (16%)

Yellow (0%)

Black (9%)



Cyan (78%)

Magenta (24%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 37C3E8 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 37C3E8 by changing the saturation by 10% instead.

 37C3E8

 37C3E8

FFFFFF

 00A8CC

 7FFCFF

 008DB0

 9FFFFFF

 007395

 BEFFFF

 005B7C

 DDDFFF

 004362

 FDDFFF

 002C4A

 001634

 00021E

 000000

■ 37C3E8

■ 37C3E8

■ 20BEE8

■ 4EC8E8

■ 09B9E8

■ 65CDE8

■ 00B8E8

■ 7DD2E8

■ 94D6E8

■ ABDBE8

■ C2E0E8

■ D9E5E8

■ F1EAE8

■ FFEFE8

Harmonies

Analogous

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



34C7CA



37C3E8



6FBBF8

Triad

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



37C3E8



F09AC1



B4B972

Complementary

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



37C3E8



E85C37

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.



D6AE70



37C3E8



F89A9E

Square

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



37C3E8



D4A3E1



EEA281



8CC186

Rectangle

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



37C3E8



95B4F8



EEA281



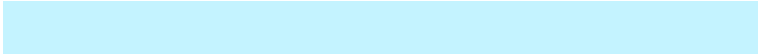
C0B66F

Sweetspot

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



37C3E8



C4F3FF



37E85A



5C7880



000000



808080

Same Dimension

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



37C3E8



14CEFF



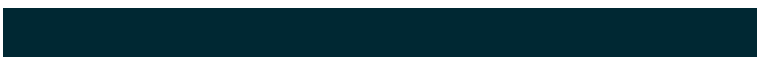
376CE8



677073



008DB3



002833

Inverse Universe

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



E837C3



FF14CE



E8B337



736770



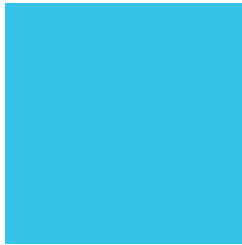
B3008D



330028

Previews

White Background



This preview shows how the Hex color 37C3E8 looks on a white background.

Color Contrast Check

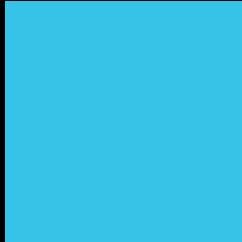
Large Text (above 18pt) WCAG AA × Fail

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 37C3E8 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 37C3E8 Background



This preview shows how black text looks on a background with the Hex color 37C3E8.

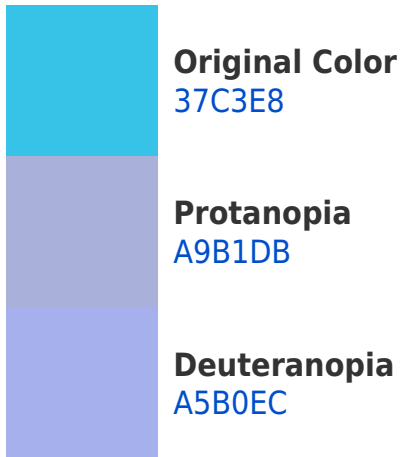


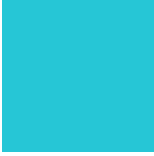
This preview shows how white text looks on a background with the Hex color 37C3E8.

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](#).

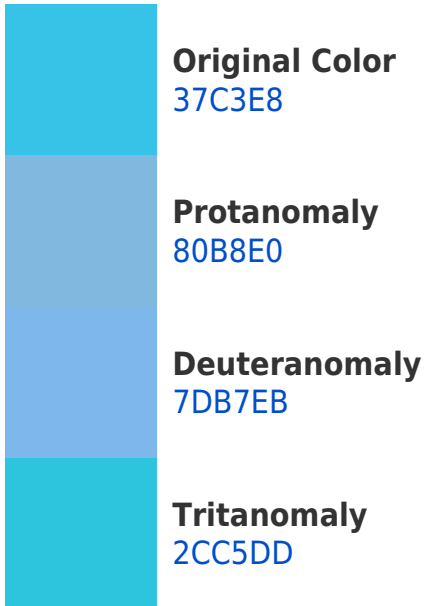
Dichromacy



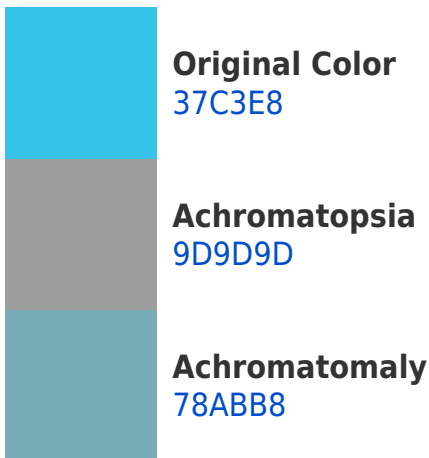


Tritanopia
26C6D6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 37C3E8 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 #37C3E8 looks like.

```
.text, #text, p{  
    color:#37C3E8  
}
```

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 #37C3E8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #37C3E8
}
```

Border

The CSS property to change the border of an element to Hex 37C3E8 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
#37C3E8 }
```

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

```
.border{ border-color:#37C3E8 }
```

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

Here you see how a box with a 4 pixel #37C3E8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #37C3E8; -webkit-box-shadow:4px 4px  
4px 4px #37C3E8; box-shadow:4px 4px 4px  
4px #37C3E8 }
```

Background

The CSS property to change the background color of an element to Hex 37C3E8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#37C3E8 }
```

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

```
.background{ background-color:#37C3E8 }
```

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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