

Converting Colors

Hex(3EB8DE)

Have a look what the booklet for
Hex(3EB8DE) contains.

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Color

Hex(3EB8DE)

Conversions

Conversions Part 1

Format	Color
Hex	3EB8DE
RGB	62, 184, 222
RGB Percent	24%, 72%, 87%
CMY	0.7569, 0.2784, 0.1294
CMYK	0.72, 0.17, 0.00, 0.13
HSL	194°, 71%, 56%
HSV	194°, 72%, 87%
XYZ	32.3119, 40.5790, 75.2368
YIQ	151.8540, -84.9100, -14.0460

Conversions

Conversions Part 2

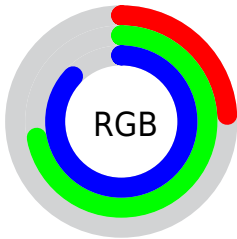
Format	Color
R _Y B	62, 131, 222
Decimal	4110558
CIE Lab	69.88, -21.21, -28.75
CIE LCh	70, 35.724, 233.579
Yxy	40.5790, 0.2181, 0.2739
Android (android.graphics.Color)	4282300638 (0xFF3EB8DE)
YUV	151.8540, 34.5820, -78.8020
Hunter-Lab	63.7017, -20.9360, -25.4350

Details

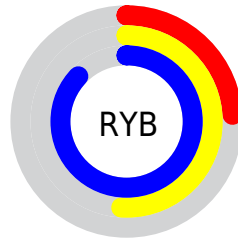
The Hex color **3EB8DE** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light muted azure. A complement of this color would be **DE643E**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **82F0FF**, and **0083A7** is the 20% darker color. If you saturate the color by 10%, you get **28B3DE**, and if you desaturate by 10%, it is **54BDDE**.

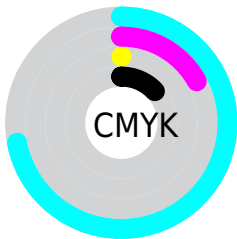
Distribution



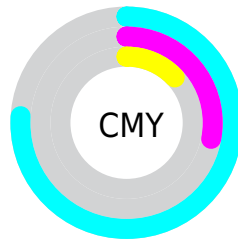
- Red (24%)
- Green (72%)
- Blue (87%)



- Red (24%)
- Yellow (51%)
- Blue (87%)



- Cyan (72%)
- Magenta (17%)
- Yellow (0%)
- Black (13%)



- Cyan (76%)
- Magenta (28%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3EB8DE 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 3EB8DE by changing the saturation by 10% instead.

 3EB8DE

 3EB8DE

FFFFFF

 009DC2

 82F0FF

 0083A7

 A0FFFF

 00698C

 BFFFFFF

 005173

 DDDFFF

 003A5A

 FFFFFFF

 002442

 00032C

 000117

 000000

 3EB8DE

 3EB8DE

 28B3DE

 54BDDE

 12ADDE

 6AC3DE

 00A9DE

 81C8DE

 97CDDE

 ADD2DE

 C3D8DE

 D9DDDE

 F0E2DE

 FFE7DE

Harmonies

Analogous

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



32BCC4



3EB8DE



71B0EB

Triad

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



3EB8DE



E592B3



A6B16E

Complementary

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



3EB8DE



DE643E

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.



C7A66A



3EB8DE



EA9392

Square

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



3EB8DE



CD9AD2



DF9B78



81B883

Rectangle

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



3EB8DE



95A9EA



DF9B78



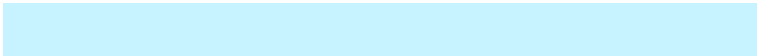
B2AD6B

Sweetspot

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



3EB8DE



C7F2FF



3EDE63



5E7880



000000



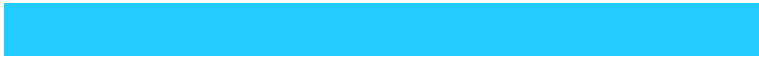
808080

Same Dimension

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



3EB8DE



24CBFF



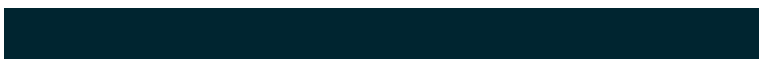
3E69DE



656E70



0086B0



002530

Inverse Universe

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



DE3EB8



FF24CB



DEB33E



70656E



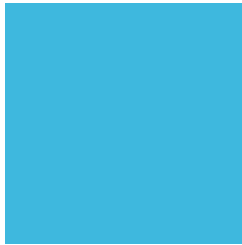
B00086



300025

Previews

White Background



This preview shows how the Hex color 3EB8DE looks on a white background.

Color Contrast Check

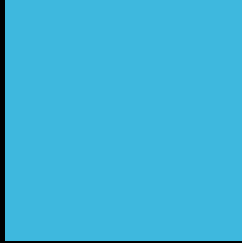
Large Text (above 18pt) WCAG AA × Fail

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 3EB8DE 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 3EB8DE Background



This preview shows how black text looks on a background with the Hex color 3EB8DE.



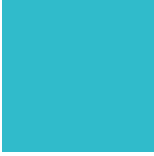
This preview shows how white text looks on a background with the Hex color 3EB8DE.

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](#).

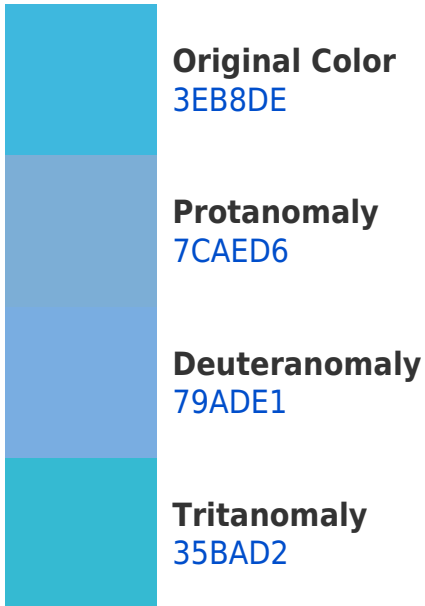
Dichromacy





Tritanopia
30BBCB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3EB8DE 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 #3EB8DE looks like.

```
.text, #text, p{  
    color:#3EB8DE  
}
```

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 #3EB8DE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3EB8DE
}
```

Border

The CSS property to change the border of an element to Hex 3EB8DE 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
#3EB8DE }
```

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

```
.border{ border-color:#3EB8DE }
```

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

Here you see how a box with a 4 pixel #3EB8DE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3EB8DE; -webkit-box-shadow:4px 4px  
4px 4px #3EB8DE; box-shadow:4px 4px 4px  
4px #3EB8DE }
```

Background

The CSS property to change the background color of an element to Hex 3EB8DE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3EB8DE }
```

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

```
.background{ background-color:#3EB8DE }
```

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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