

Converting Colors

Hex(3EBCD9)

Have a look what the booklet for
Hex(3EBCD9) contains.

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Color

Hex(3EBCD9)

Conversions

Conversions Part 1

Format	Color
Hex	3EBCD9
RGB	62, 188, 217
RGB Percent	24%, 74%, 85%
CMY	0.7569, 0.2627, 0.1490
CMYK	0.71, 0.13, 0.00, 0.15
HSL	191°, 67%, 55%
HSV	191°, 71%, 85%
XYZ	32.4942, 42.0003, 72.0399
YIQ	153.6320, -84.4050, -17.6930

Conversions

Conversions Part 2

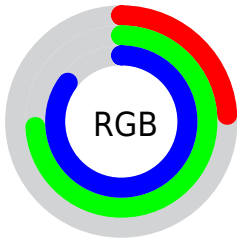
Format	Color
RYB	62, 132, 217
Decimal	4111577
CIELab	70.87, -24.83, -24.50
CIELCh	71, 34.878, 224.616
Yxy	42.0003, 0.2218, 0.2866
Android (android.graphics.Color)	4282301657 (0xFF3EBCD9)
YUV	153.6320, 31.2404, -80.3613
Hunter-Lab	64.8077, -23.9145, -20.5411

Details

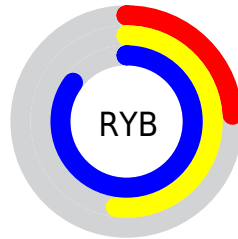
The Hex color **3EBCD9** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light muted azure. A complement of this color would be **D95B3E**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **81F4FF**, and **0086A2** is the 20% darker color. If you saturate the color by 10%, you get **28B8D9**, and if you desaturate by 10%, it is **54C0D9**.

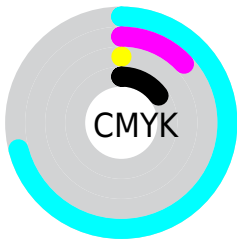
Distribution



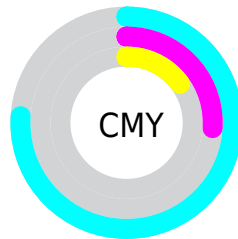
- Red (24%)
- Green (74%)
- Blue (85%)



- Red (24%)
- Yellow (52%)
- Blue (85%)



- Cyan (71%)
- Magenta (13%)
- Yellow (0%)
- Black (15%)



- Cyan (76%)
- Magenta (26%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3EBCD9 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 3EBCD9 by changing the saturation by 10% instead.

3EBCD9

3EBCD9

FFFFFF

00A1BD

81F4FF

0086A2

A0FFFF

006D88

BEFFFF

00546E

DDFFFF

003D56

FCFFFF

00273E

000929

000113

000000

 3EBCD9

 3EBCD9

 28B8D9

 54C0D9

 13B4D9

 69C4D9

 00B0D9

 7FC8D9

 95CCD9

 ABD0D9

 C0D4D9

 D6D8D9

 ECD9D9

 FFE1D9

Harmonies

Analogous

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



44BFBC



3EBCD9



67B5EA

Triad

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



3EBCD9



E197BF



B3B06F

Complementary

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



3EBCD9



D95B3E

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.



D1A671



3EBCD9



EC959F

Square

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



3EBCD9



C5A0DB



E69B82



90B97F

Rectangle

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



3EBCD9



89AFEC



E69B82



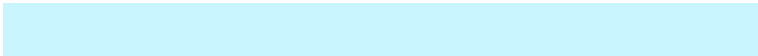
BEAD6E

Sweetspot

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



3EBCD9



C9F5FF



3ED95A



607A80



000000



808080

Same Dimension

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



3EBCD9



24D6FF



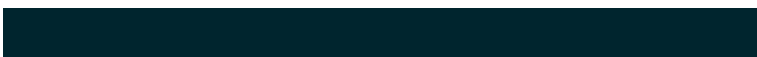
3E6FD9



636C6E



008DAD



00252E

Inverse Universe

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



D93EBC



FF24D6



D9A83E



6E636C



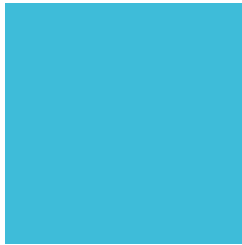
AD008D



2E0025

Previews

White Background



This preview shows how the Hex color 3EBCD9 looks on a white background.

Color Contrast Check

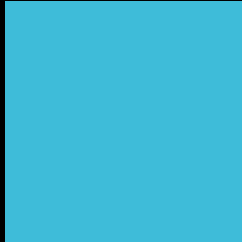
Large Text (above 18pt) WCAG AA × Fail

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 3EBCD9 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 3EBCD9 Background



This preview shows how black text looks on a background with the Hex color 3EBCD9.

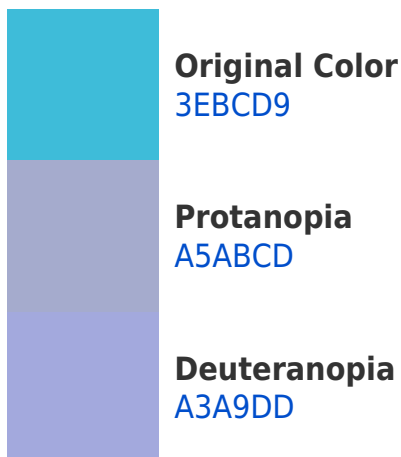


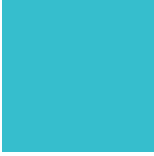
This preview shows how white text looks on a background with the Hex color 3EBCD9.

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](#).

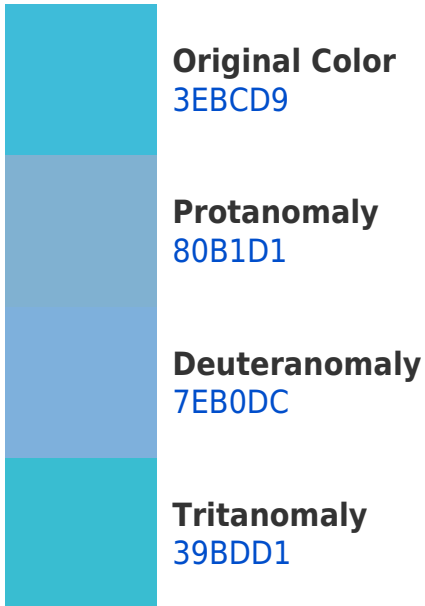
Dichromacy



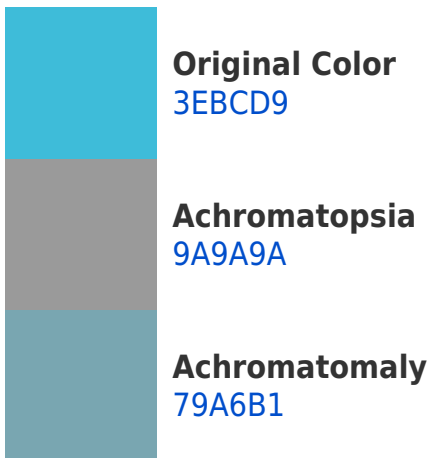


Tritanopia
36BECD

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3EBCD9 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 #3EBCD9 looks like.

```
.text, #text, p{  
    color:#3EBCD9  
}
```

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 #3EBCD9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3EBCD9
}
```

Border

The CSS property to change the border of an element to Hex 3EBCD9 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
#3EBCD9 }
```

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

```
.border{ border-color:#3EBCD9 }
```

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

Here you see how a box with a 4 pixel #3EBCD9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3EBCD9; -webkit-box-shadow:4px 4px  
4px 4px #3EBCD9; box-shadow:4px 4px 4px  
4px #3EBCD9 }
```

Background

The CSS property to change the background color of an element to Hex 3EBCD9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3EBCD9 }
```

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

```
.background{ background-color:#3EBCD9 }
```

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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