

# Converting Colors

Hex(6BE3EE)

Have a look what the booklet for  
Hex(6BE3EE) contains.

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# Color

**Hex(6BE3EE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6BE3EE
RGB	107, 227, 238
RGB Percent	42%, 89%, 93%
CMY	0.5804, 0.1098, 0.0667
CMYK	0.55, 0.05, 0.00, 0.07
HSL	185°, 79%, 68%
HSV	185°, 55%, 93%
XYZ	48.9651, 64.2370, 90.7072
YIQ	192.3740, -75.0510, -22.0190

# Conversions

## Conversions Part 2

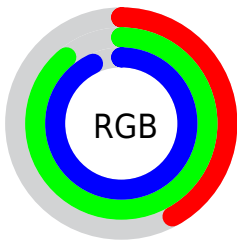
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">107, 170, 238</a>
Decimal	<a href="#">7070702</a>
CIELab	<a href="#">84.09, -30.60, -15.62</a>
CIELCh	<a href="#">84, 34.352, 207.046</a>
Yxy	<a href="#">64.2370, 0.2401, 0.3150</a>
Android (android.graphics.Color)	<a href="#">4285260782</a> ( <a href="#">0xFF6BE3EE</a> )
YUV	<a href="#">192.3740, 22.4936, -74.8730</a>
Hunter-Lab	<a href="#">80.1480, -31.2073, -10.9976</a>

# Details

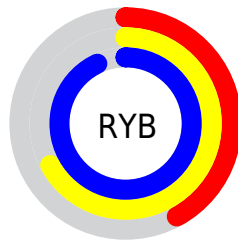
The Hex color **6BE3EE** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **EE766B**, and the grayscale version is **C0C0C0**.

A 20% lighter version of the original color is **A8FFFF**, and **21ABB6** is the 20% darker color. If you saturate the color by 10%, you get **53E1EE**, and if you desaturate by 10%, it is **83E5EE**.

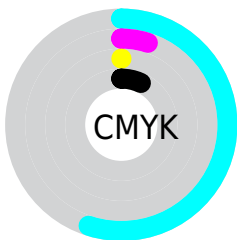
# Distribution



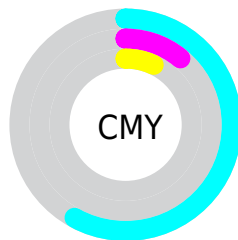
- Red (42%)
- Green (89%)
- Blue (93%)



- Red (42%)
- Yellow (67%)
- Blue (93%)



- Cyan (55%)
- Magenta (5%)
- Yellow (0%)
- Black (7%)



- Cyan (58%)
- Magenta (11%)
- Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6BE3EE 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 6BE3EE by changing the saturation by 10% instead.



 6BE3EE

 6BE3EE

FFFFFF

 4AC7D2

 A8FFFF

 21ABB6

 C6FFFF

 00909B

 E5FFFF

 007681

 005D68

 004550

 002E39

 001824

 00010D

 6BE3EE

 6BE3EE

 53E1EE

 83E5EE

 3BDFEE

 9BE7EE

 24DDEE

 B2E9EE

 0CDBEE

 CAEBEE

 00DAEE

 E2EDEE

 FAEFEE

 FFF1EE

 FFF3EE

 FFF5EE

# Harmonies

## Analogous

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



80E3CD



6BE3EE



79DEFF

# Triad

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



6BE3EE



F8C0F5



ECCF91

# Complementary

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



6BE3EE



EE766B

# 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.



FFC49D



6BE3EE



FFBAD6

# Square

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



6BE3EE



D2CBFF



FFBCB6



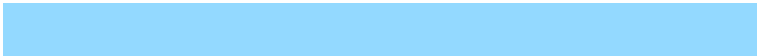
CAD997

# Rectangle

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



6BE3EE



93D9FF



FFBCB6



F5CB93

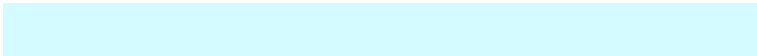


# Sweetspot

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



6BE3EE



D4FBFF



6BEE76



667D80



000000



808080



# Same Dimension

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



6BE3EE



57F1FF



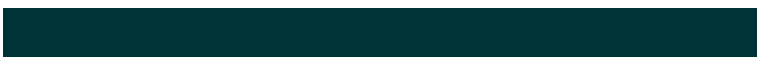
6BA2EE



6C7778



00A8B8



003338



# Inverse Universe

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



EE6BE3



FF57F1



EEB76B



786C77



B800A8

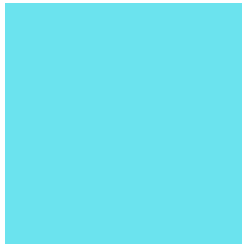


380033



# Previews

## White Background



This preview shows how the Hex color 6BE3EE looks on a white background.

## Color Contrast Check

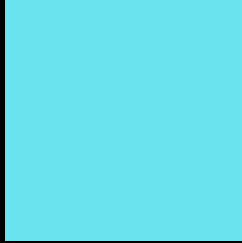
Large Text (above 18pt) WCAG AA × Fail

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 6BE3EE 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 6BE3EE Background



This preview shows how black text looks on a background with the Hex color 6BE3EE.

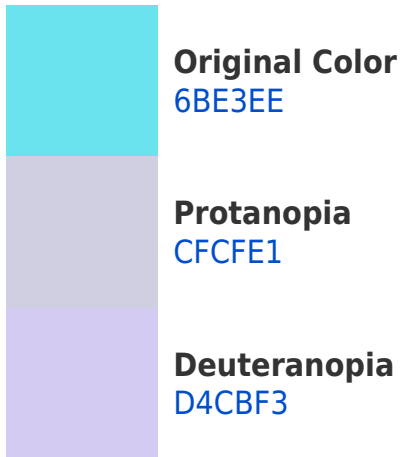


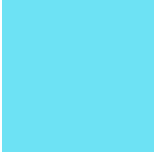
This preview shows how white text looks on a background with the Hex color 6BE3EE.

# 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](#).

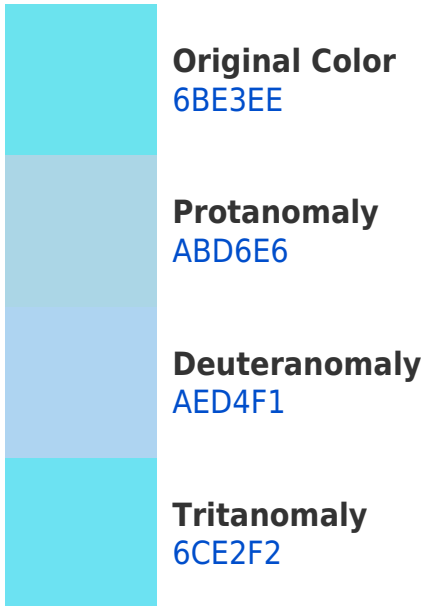
## Dichromacy





**Tritanopia**  
6DE2F4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6BE3EE 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 #6BE3EE looks like.

```
.text, #text, p{  
    color:#6BE3EE  
}
```

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 #6BE3EE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6BE3EE
}
```

## Border

The CSS property to change the border of an element to Hex 6BE3EE 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
#6BE3EE }
```

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

```
.border{ border-color:#6BE3EE }
```

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

Here you see how a box with a 4 pixel #6BE3EE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6BE3EE; -webkit-box-shadow:4px 4px  
4px 4px #6BE3EE; box-shadow:4px 4px 4px  
4px #6BE3EE }
```

# Background

The CSS property to change the background color of an element to Hex 6BE3EE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6BE3EE }
```

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

```
.background{ background-color:#6BE3EE }
```

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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