

Converting Colors

Hex(8BE2E2)

Have a look what the booklet for
Hex(8BE2E2) contains.

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Color

Hex(8BE2E2)

Conversions

Conversions Part 1

Format	Color
Hex	8BE2E2
RGB	139, 226, 226
RGB Percent	55%, 89%, 89%
CMY	0.4549, 0.1137, 0.1137
CMYK	0.38, 0.00, 0.00, 0.11
HSL	180°, 60%, 72%
HSV	180°, 38%, 89%
XYZ	51.5713, 65.3727, 81.8516
YIQ	199.9870, -51.8520, -18.4440

Conversions

Conversions Part 2

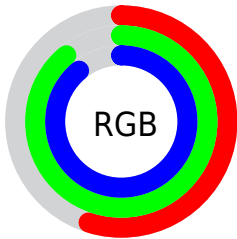
Format	Color
RYB	139, 183, 226
Decimal	9167586
CIELab	84.68, -26.13, -8.27
CIElCh	85, 27.412, 197.568
Yxy	65.3727, 0.2594, 0.3288
Android (android.graphics.Color)	4287357666 (0xFF8BE2E2)
YUV	199.9870, 12.8244, -53.4856
Hunter-Lab	80.8534, -27.6394, -3.4247

Details

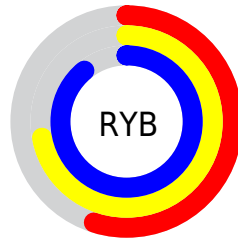
The Hex color **8BE2E2** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **E28B8B**, and the grayscale version is **C8C8C8**.

A 20% lighter version of the original color is **C4FFFF**, and **52AAAB** is the 20% darker color. If you saturate the color by 10%, you get **74E2E2**, and if you desaturate by 10%, it is **A2E2E2**.

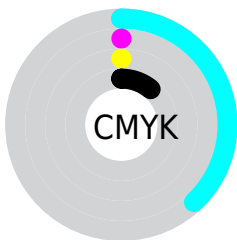
Distribution



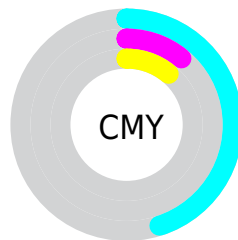
- Red (55%)
- Green (89%)
- Blue (89%)



- Red (55%)
- Yellow (72%)
- Blue (89%)



- Cyan (38%)
- Magenta (0%)
- Yellow (0%)
- Black (11%)



- Cyan (45%)
- Magenta (11%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8BE2E2 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 8BE2E2 by changing the saturation by 10% instead.

 8BE2E2

 8BE2E2

FFFFFF

 6FC6C6

 C4FFFF

 52AAAB

 E1FFFF

 359090

 0C7677

 005D5E

 004546

 002E30

 001A1B

 000000

 8BE2E2

 8BE2E2

 74E2E2

 A2E2E2

 5EE2E2

 B8E2E2

 47E2E2

 CFE2E2

 31E2E2

 E5E2E2

 1AE2E2

 FCE2E2

 03E2E2

 FFE2E2

 00E2E2

Harmonies

Analogous

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



9DE1C7



8BE2E2



8DDFF9

Triad

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



8BE2E2



EAC8F6



F1CEA1

Complementary

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



8BE2E2



E28B8B

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.



FFC6AE



8BE2E2



FFC2DF

Square

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



8BE2E2



C9D0FF



FFC1C5



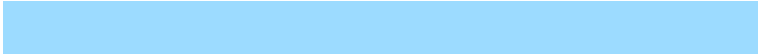
D7D7A2

Rectangle

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



8BE2E2



9CDBFF



FFC1C5



F8CBA4

Sweetspot

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



8BE2E2



E0FFFF



8BE28B



6E8080



000000



808080

Same Dimension

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



8BE2E2



8AFFFF



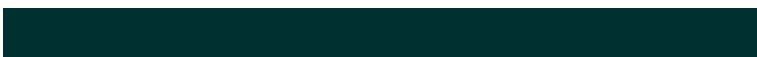
8BB6E2



657070



00B0B0



003030

Inverse Universe

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



E28BE2



FF8AFF



E2B68B



706570



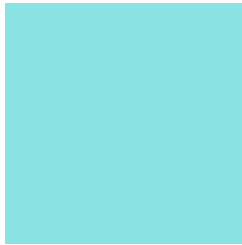
B000B0



300030

Previews

White Background



This preview shows how the Hex color 8BE2E2 looks on a white background.

Color Contrast Check

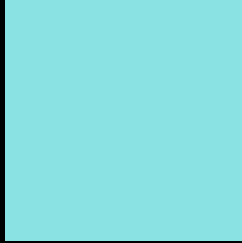
Large Text (above 18pt) WCAG AA × Fail

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 8BE2E2 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

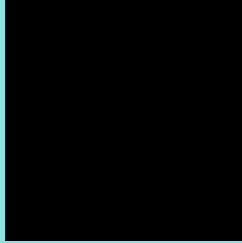
Any Text WCAG AA ✓ Pass

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 8BE2E2 Background



This preview shows how black text looks on a background with the Hex color 8BE2E2.

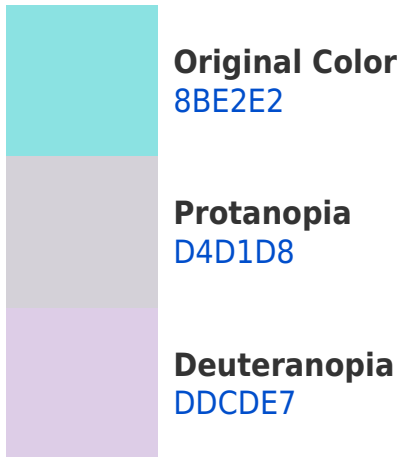


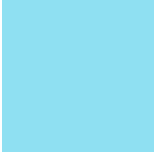
This preview shows how white text looks on a background with the Hex color 8BE2E2.

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
8FE0F2

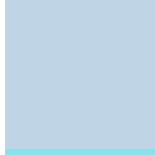
Trichromacy



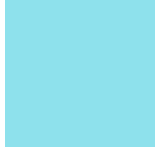
Original Color
8BE2E2



Protanomaly
B9D7DC



Deuteranomaly
BFD5E5

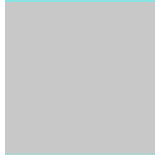


Tritanomaly
8EE1EC

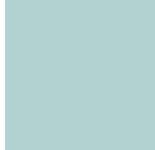
Monochromacy



Original Color
8BE2E2



Achromatopsia
C8C8C8



Achromatomaly
B2D1D1

CSS Examples

Text

The CSS property to change the color of the text to Hex 8BE2E2 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 #8BE2E2 looks like.

```
.text, #text, p{  
    color:#8BE2E2  
}
```

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 #8BE2E2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8BE2E2
}
```

Border

The CSS property to change the border of an element to Hex 8BE2E2 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
#8BE2E2 }
```

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

```
.border{ border-color:#8BE2E2 }
```

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

Here you see how a box with a 4 pixel #8BE2E2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8BE2E2; -webkit-box-shadow:4px 4px  
4px 4px #8BE2E2; box-shadow:4px 4px 4px  
4px #8BE2E2 }
```

Background

The CSS property to change the background color of an element to Hex 8BE2E2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8BE2E2 }
```

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

```
.background{ background-color:#8BE2E2 }
```

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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