

# Converting Colors

Hex(5EDDE2)

Have a look what the booklet for  
Hex(5EDDE2) contains.

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# **Color**

**Hex(5EDDE2)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5EDDE2
RGB	94, 221, 226
RGB Percent	37%, 87%, 89%
CMY	0.6314, 0.1333, 0.1137
CMYK	0.58, 0.02, 0.00, 0.11
HSL	182°, 69%, 63%
HSV	182°, 58%, 89%
XYZ	44.2000, 59.5836, 81.1227
YIQ	183.5970, -77.2970, -25.3690

# Conversions

## Conversions Part 2

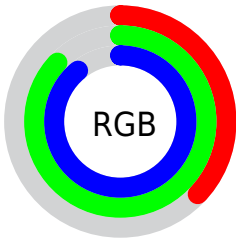
<b>Format</b>	<b>Color</b>
<b>RYB</b>	94, 159, 226
Decimal	6217186
CIELab	81.61, -33.36, -13.02
CIElCh	82, 35.813, 201.311
Yxy	59.5836, 0.2390, 0.3222
Android (android.graphics.Color)	4284407266 (0xFF5EDDE2)
YUV	183.5970, 20.9047, -78.5766
Hunter-Lab	77.1904, -32.8723, -8.2771

# Details

The Hex color **5EDDE2** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **E2635E**, and the grayscale version is **B7B7B7**.

A 20% lighter version of the original color is **9CFFFF**, and **00A5AB** is the 20% darker color. If you saturate the color by 10%, you get **47DCE2**, and if you desaturate by 10%, it is **75DEE2**.

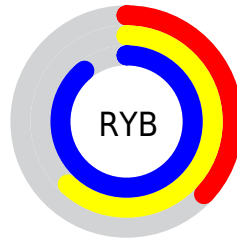
# Distribution



Red (37%)

Green (87%)

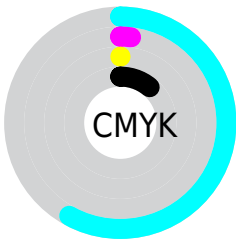
Blue (89%)



Red (37%)

Yellow (62%)

Blue (89%)

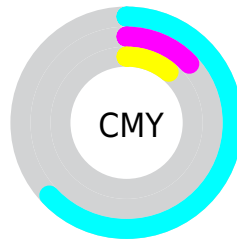


Cyan (58%)

Magenta (2%)

Yellow (0%)

Black (11%)



Cyan (63%)

Magenta (13%)

Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5EDDE2 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 5EDDE2 by changing the saturation by 10% instead.



 5EDDE2

 5EDDE2

FFFFFF

 3BC1C6

 9CFFFF

 00A5AB

 BAFFFF

 008B90

 D9FFFF

 007177

 F7FFFF

 00585E

 004046

 002930

 000C1C

 000000

5EDDE2

5EDDE2

47DCE2

75DEE2

31DBE2

8BDFE2

1ADAE2

A2E0E2

04DAE2

B8E0E2

00D9E2

CFE1E2

E6E2E2

FCE3E2

FFE4E2

FFE5E2

# Harmonies

## Analogous

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



7CDDC0



5EDDE2



64D9FE

# Triad

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



5EDDE2



ECBAF5



EBC589

# Complementary

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



5EDDE2



E2635E

# 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.



FFBA98



5EDDE2



FFB3D6

# Square

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



5EDDE2



C2C6FF



FFB3B4



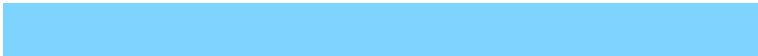
CAD08C

# Rectangle

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



5EDDE2



7FD4FF



FFB3B4



F5C28C



# Sweetspot

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



5EDDE2



D1FDFF



5EE262



637E80



000000



808080



# Same Dimension

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



5EDDE2



4DF8FF



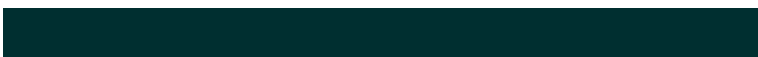
5E9CE2



657070



00A9B0



002F30



# Inverse Universe

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



E25EDD



FF4DF8



E2A45E



706570



B000A9

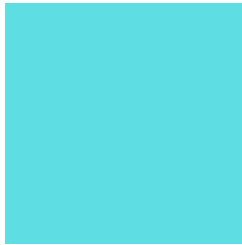


30002F



# Previews

## White Background



This preview shows how the Hex color 5EDDE2 looks on a white background.

## Color Contrast Check

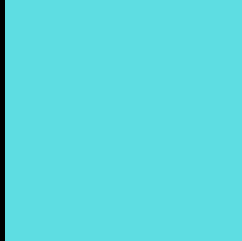
Large Text (above 18pt) WCAG AA × Fail

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 5EDDE2 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

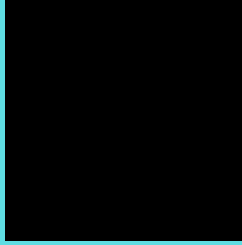
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 5EDDE2 Background



This preview shows how black text looks on a background with the Hex color 5EDDE2.

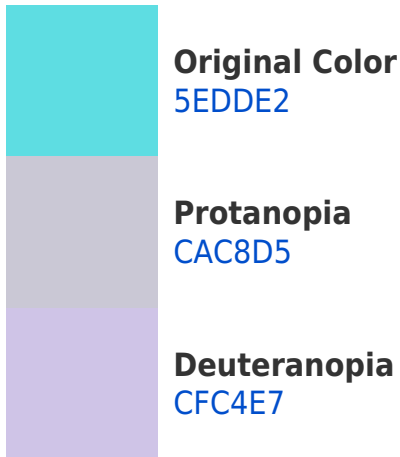


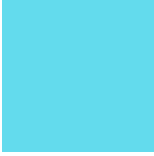
This preview shows how white text looks on a background with the Hex color 5EDDE2.

# 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**  
63DBED

# Trichromacy



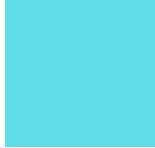
**Original Color**  
5EDDE2



**Protanomaly**  
A3D0DA



**Deuteranomaly**  
A6CDE5

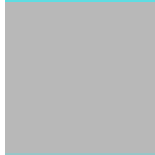


**Tritanomaly**  
61DCE9

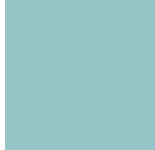
# Monochromacy



**Original Color**  
5EDDE2



**Achromatopsia**  
B8B8B8



**Achromatomaly**  
97C5C7

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5EDDE2 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 #5EDDE2 looks like.

```
.text, #text, p{  
    color:#5EDDE2  
}
```

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 #5EDDE2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5EDDE2
}
```

## Border

The CSS property to change the border of an element to Hex 5EDDE2 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
#5EDDE2 }
```

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

```
.border{ border-color:#5EDDE2 }
```

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

Here you see how a box with a 4 pixel #5EDDE2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5EDDE2; -webkit-box-shadow:4px 4px  
4px 4px #5EDDE2; box-shadow:4px 4px 4px  
4px #5EDDE2 }
```

# Background

The CSS property to change the background color of an element to Hex 5EDDE2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5EDDE2 }
```

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

```
.background{ background-color:#5EDDE2 }
```

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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