

Converting Colors

Hex(4EB8E2)

Have a look what the booklet for
Hex(4EB8E2) contains.

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Color

Hex(4EB8E2)

Conversions

Conversions Part 1	
Format	Color
Hex	4EB8E2
RGB	78, 184, 226
RGB Percent	31%, 72%, 89%
CMY	0.6941, 0.2784, 0.1137
CMYK	0.65, 0.19, 0.00, 0.11
HSL	197°, 72%, 60%
HSV	197°, 65%, 89%
XYZ	34.0098, 41.3917, 78.1484
YIQ	157.0940, -76.6580, -9.4100

Conversions

Conversions Part 2

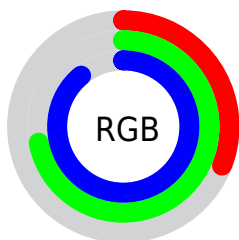
Format	Color
RYB	78, 140, 226
Decimal	5159138
CIELab	70.45, -17.66, -30.02
CIELCh	70, 34.825, 239.535
Yxy	41.3917, 0.2215, 0.2696
Android (android.graphics.Color)	4283349218 (0xFF4EB8E2)
YUV	157.0940, 33.9707, -69.3654
Hunter-Lab	64.3364, -18.2290, -26.9832

Details

The Hex color **4EB8E2** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light muted azure. A complement of this color would be **E2784E**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **8DF0FF**, and **0083AB** is the 20% darker color. If you saturate the color by 10%, you get **37B2E2**, and if you desaturate by 10%, it is **65BEE2**.

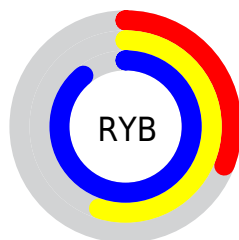
Distribution



Red (31%)

Green (72%)

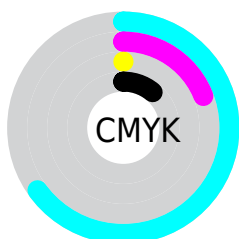
Blue (89%)



Red (31%)

Yellow (55%)

Blue (89%)

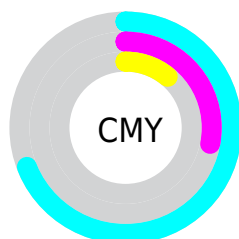


Cyan (65%)

Magenta (19%)

Yellow (0%)

Black (11%)



Cyan (69%)

Magenta (28%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4EB8E2 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 4EB8E2 by changing the saturation by 10% instead.

 4EB8E2

FFFFFF

 8DF0FF

 ABFFFF

 CAFFFF

 E8FFFF

 4EB8E2

 269DC6

 0083AB

 006A90

 005176

 003A5D

 002545

 00072F

 000119

 000000

 4EB8E2

 4EB8E2

 37B2E2

 65BEE2

 21ABE2

 7BC5E2

 0AA5E2

 92CBE2

 00A2E2

 A8D2E2

 BFD8E2

 D6DEE2

 ECE5E2

 FFEBE2

 FFF2E2

Harmonies

Analogous

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



39BDCA



4EB8E2



7FAFEB

Triad

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



4EB8E2



E894AE



A1B474

Complementary

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



4EB8E2



E2784E

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.



C2AA6D



4EB8E2



EA978F

Square

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



4EB8E2



D49ACD



DC9F77



7CBA8B

Rectangle

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



4EB8E2



A0A8E8



DC9F77



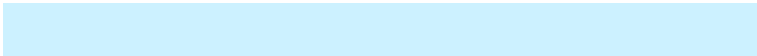
ADB170

Sweetspot

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



4EB8E2



CCF1FF



4EE278



617780



000000



808080

Same Dimension

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



4EB8E2



36C6FF



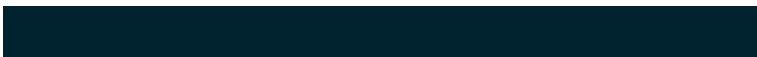
4E6EE2



656D70



007EB0



002330

Inverse Universe

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



E24EB8



FF36C6



E2C24E



70656D



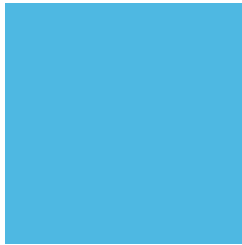
B0007E



300023

Previews

White Background



This preview shows how the Hex color 4EB8E2 looks on a white background.

Color Contrast Check

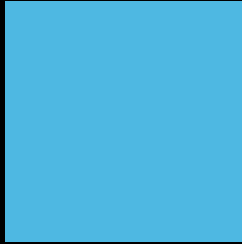
Large Text (above 18pt) WCAG AA × Fail

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 4EB8E2 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 4EB8E2 Background



This preview shows how black text looks on a background with the Hex color 4EB8E2.

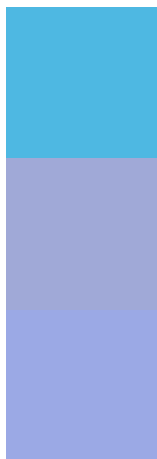


This preview shows how white text looks on a background with the Hex color 4EB8E2.

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](#).

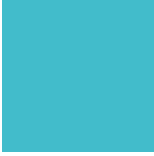
Dichromacy



Original Color
4EB8E2

Protanopia
A0A9D7


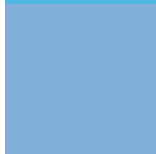
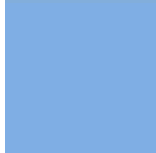
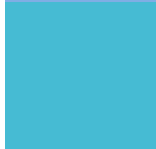
Deuteranopia
9BA9E5






Tritanopia

42BCCB

Trichromacy

	Original Color 4EB8E2
	Protanomaly 82AEDB
	Deuteranomaly 7FAEE4
	Tritanomaly 46BBD3

Monochromacy

	Original Color 4EB8E2
	Achromatopsia 9D9D9D
	Achromatomaly 80A7B6

CSS Examples

Text

The CSS property to change the color of the text to Hex 4EB8E2 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 #4EB8E2 looks like.

```
.text, #text, p{  
    color:#4EB8E2  
}
```

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 #4EB8E2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4EB8E2
}
```

Border

The CSS property to change the border of an element to Hex 4EB8E2 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
#4EB8E2 }
```

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

```
.border{ border-color:#4EB8E2 }
```

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

Here you see how a box with a 4 pixel #4EB8E2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4EB8E2; -webkit-box-shadow:4px 4px  
4px 4px #4EB8E2; box-shadow:4px 4px 4px  
4px #4EB8E2 }
```

Background

The CSS property to change the background color of an element to Hex 4EB8E2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4EB8E2 }
```

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

```
.background{ background-color:#4EB8E2 }
```

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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