

Converting Colors

Hex(4EB6DC)

Have a look what the booklet for
Hex(4EB6DC) contains.

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Color

Hex(4EB6DC)

Conversions

Conversions Part 1

Format	Color
Hex	4EB6DC
RGB	78, 182, 220
RGB Percent	31%, 71%, 86%
CMY	0.6941, 0.2863, 0.1373
CMYK	0.65, 0.17, 0.00, 0.14
HSL	196°, 67%, 58%
HSV	196°, 65%, 86%
XYZ	32.7881, 40.2429, 73.7497
YIQ	155.2360, -74.1820, -10.2300

Conversions

Conversions Part 2

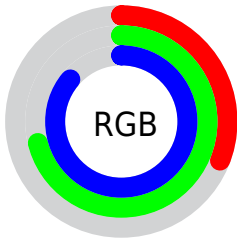
Format	Color
RYB	78, 138, 220
Decimal	5158620
CIELab	69.64, -18.48, -27.98
CIELCh	70, 33.535, 236.561
Yxy	40.2429, 0.2234, 0.2742
Android (android.graphics.Color)	4283348700 (0xFF4EB6DC)
YUV	155.2360, 31.9287, -67.7360
Hunter-Lab	63.4373, -18.7560, -24.5221

Details

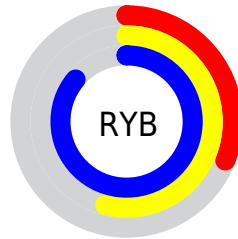
The Hex color **4EB6DC** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light muted azure. A complement of this color would be **DC744E**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **8CCEFF**, and **0081A5** is the 20% darker color. If you saturate the color by 10%, you get **38B0DC**, and if you desaturate by 10%, it is **64BCDC**.

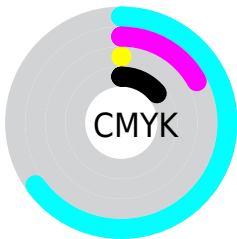
Distribution



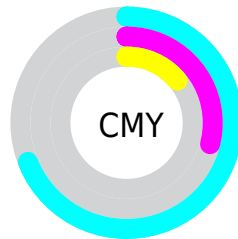
- Red (31%)
- Green (71%)
- Blue (86%)



- Red (31%)
- Yellow (54%)
- Blue (86%)



- Cyan (65%)
- Magenta (17%)
- Yellow (0%)
- Black (14%)



- Cyan (69%)
- Magenta (29%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4EB6DC 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 4EB6DC by changing the saturation by 10% instead.

 4EB6DC

 4EB6DC

FFFFFF

 289BC0

 8CEEFF

 0081A5

 AAFFFF

 00688A

 C8FFFF

 005071

 E7FFFF

 003958

 002341

 00032B

 000115

 000000

 4EB6DC

 4EB6DC

 38B0DC

 64BCDC

 22AADC

 7AC2DC

 0CA4DC

 90C8DC

 00A1DC

 A6CEDC

 BCD3DC

 D2D9DC

 E8DFDC

 FEE5DC

 FFEBCD

Harmonies

Analogous

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



40BAC4



4EB6DC



7BAEE6

Triad

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



4EB6DC



E293AF



A3B073

Complementary

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



4EB6DC



DC744E

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.



C2A76D



4EB6DC



E69590

Square

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



4EB6DC



CD99CC



DA9D78



7FB788

Rectangle

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



4EB6DC



9AA7E4



DA9D78



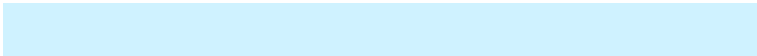
AEAE6F

Sweetspot

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



4EB6DC



CFF2FF



4EDC74



627880



000000



808080

Same Dimension

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



4EB6DC



3BCAFF



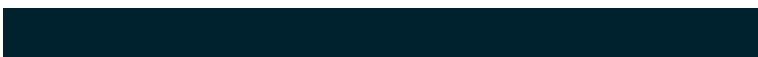
4E6FDC



636B6E



007FAD



00222E

Inverse Universe

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



DC4EB6



FF3BCA



DCBB4E



6E636B



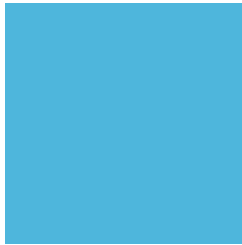
AD007F



2E0022

Previews

White Background



This preview shows how the Hex color 4EB6DC looks on a white background.

Color Contrast Check

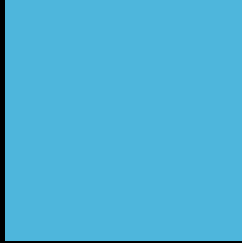
Large Text (above 18pt) WCAG AA × Fail

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 4EB6DC 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 4EB6DC Background



This preview shows how black text looks on a background with the Hex color 4EB6DC.

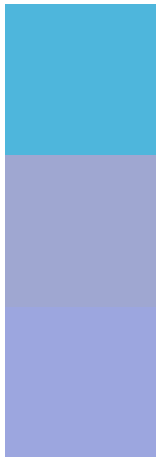


This preview shows how white text looks on a background with the Hex color 4EB6DC.

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](#).

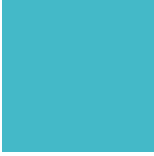
Dichromacy



Original Color
4EB6DC

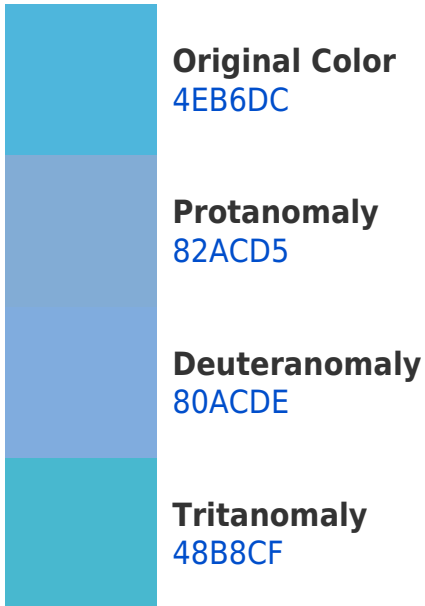
Protanopia
9FA7D1

Deuteranopia
9CA6DF

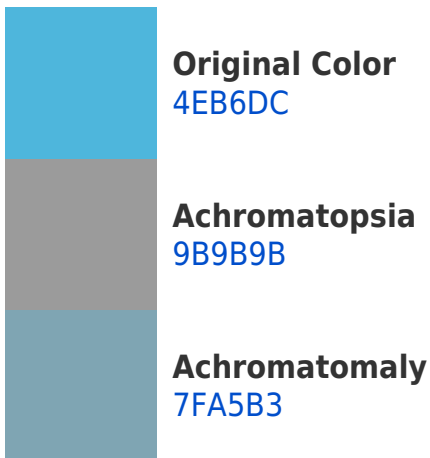


Tritanopia
44B9C8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4EB6DC 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 #4EB6DC looks like.

```
.text, #text, p{  
  color:#4EB6DC  
}
```

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 #4EB6DC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4EB6DC  
}
```

Border

The CSS property to change the border of an element to Hex 4EB6DC 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  
#4EB6DC }
```

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

```
.border{ border-color:#4EB6DC }
```

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

Here you see how a box with a 4 pixel #4EB6DC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4EB6DC; -webkit-box-shadow:4px 4px  
4px 4px #4EB6DC; box-shadow:4px 4px 4px  
4px #4EB6DC }
```

Background

The CSS property to change the background color of an element to Hex 4EB6DC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4EB6DC }
```

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

```
.background{ background-color:#4EB6DC }
```

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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