

# Converting Colors

Hex(4ECAD7)

Have a look what the booklet for  
Hex(4ECAD7) contains.

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# **Color**

**Hex(4ECAD7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4ECAD7
RGB	78, 202, 215
RGB Percent	31%, 79%, 84%
CMY	0.6941, 0.2078, 0.1569
CMYK	0.64, 0.06, 0.00, 0.16
HSL	186°, 63%, 57%
HSV	186°, 64%, 84%
XYZ	36.5282, 48.7671, 71.7777
YIQ	166.4060, -78.0770, -22.2450

# Conversions

## Conversions Part 2

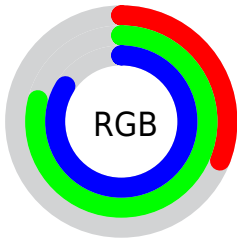
Format	Color
<a href="#">RYB</a>	<a href="#">78, 143, 215</a>
Decimal	<a href="#">5163735</a>
CIELab	<a href="#">75.31, -30.04, -16.64</a>
CIELCh	<a href="#">75, 34.338, 208.984</a>
Yxy	<a href="#">48.7671, 0.2326, 0.3105</a>
Android (android.graphics.Color)	<a href="#">4283353815 (0xFF4ECAD7)</a>
YUV	<a href="#">166.4060, 23.9568, -77.5321</a>
Hunter-Lab	<a href="#">69.8334, -28.8395, -12.0574</a>

# Details

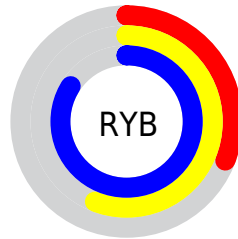
The Hex color **4ECAD7** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **D75B4E**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **8DFFFF**, and **0093A0** is the 20% darker color. If you saturate the color by 10%, you get **38C8D7**, and if you desaturate by 10%, it is **64CCD7**.

# Distribution



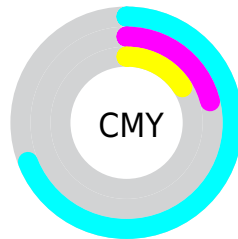
- Red (31%)
- Green (79%)
- Blue (84%)



- Red (31%)
- Yellow (56%)
- Blue (84%)



- Cyan (64%)
- Magenta (6%)
- Yellow (0%)
- Black (16%)



- Cyan (69%)
- Magenta (21%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4ECAD7 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 4ECAD7 by changing the saturation by 10% instead.



 4ECAD7

 4ECAD7

FFFFFF

 26AE8B

 8DFFFF

 0093A0

 ACFFFF

 007986

 CAFFFF

 00606D

 E8FFFF

 004854

 00313D

 001C27

 000113

 000000

■ 4ECAD7

■ 4ECAD7

■ 38C8D7

■ 64CCD7

■ 23C6D7

■ 79CED7

■ 0DC4D7

■ 8FD0D7

■ 00C3D7

■ A4D2D7

■ BAD4D7

■ CFD6D7

■ E5D8D7

■ FADAD7

■ FFDCD7

# Harmonies

## Analogous

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



65CBB7



4ECAD7



60C5EF

# Triad

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



4ECAD7



E1A7DB



D0B77A

# Complementary

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



4ECAD7



D75B4E

# 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.



EAAC84



4ECAD7



F5A2BC

# Square

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



4ECAD7



BCB2F1



F7A49C



AFC181

# Rectangle

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



4ECAD7



7DC0F7



F7A49C



DAB37C

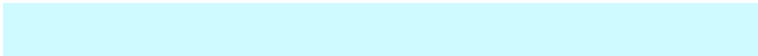


# Sweetspot

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



4ECAD7



CFFAFF



4ED759



627D80



000000



808080

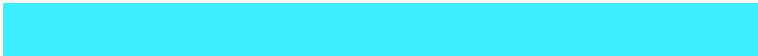


# Same Dimension

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



4ECAD7



3DEDFF



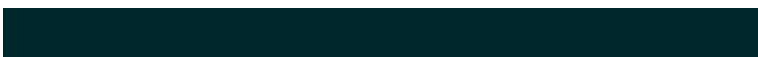
4E87D7



606A6B



009BAB



00272B



# Inverse Universe

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



D74ECA



FF3DED



D79E4E



6B606A



AB009B



2B0027



# Previews

## White Background



This preview shows how the Hex color 4ECAD7 looks on a white background.

## Color Contrast Check

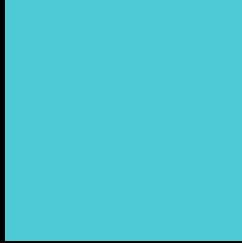
Large Text (above 18pt) WCAG AA × Fail

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 4ECAD7 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 4ECAD7 Background



This preview shows how black text looks on a background with the Hex color 4ECAD7.

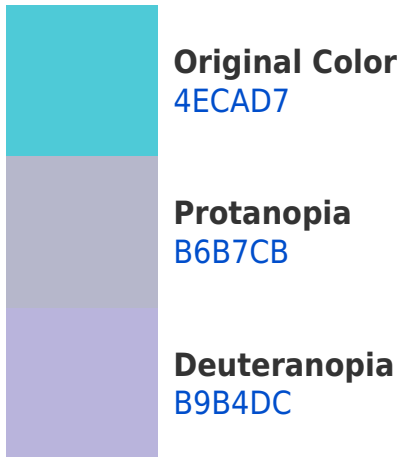


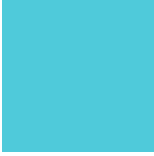
This preview shows how white text looks on a background with the Hex color 4ECAD7.

# Color Blindness Simulation

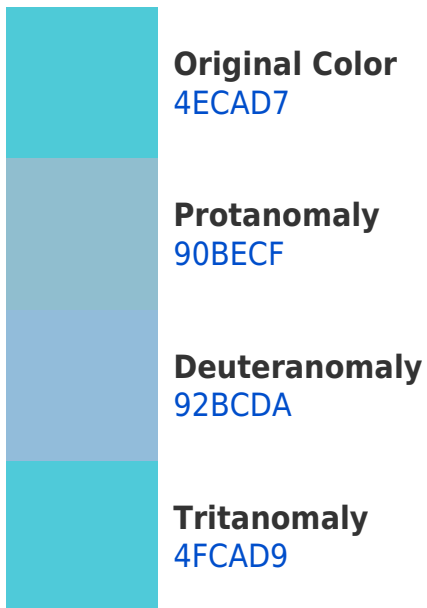
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

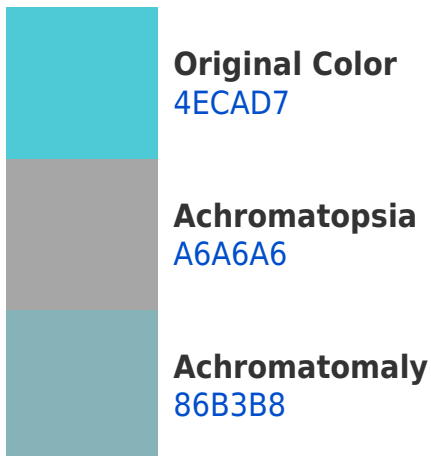




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4ECAD7 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 #4ECAD7 looks like.

```
.text, #text, p{  
    color:#4ECAD7  
}
```

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 #4ECAD7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4ECAD7
}
```

## Border

The CSS property to change the border of an element to Hex 4ECAD7 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
#4ECAD7 }
```

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

```
.border{ border-color:#4ECAD7 }
```

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

Here you see how a box with a 4 pixel #4ECAD7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4ECAD7; -webkit-box-shadow:4px 4px  
4px 4px #4ECAD7; box-shadow:4px 4px 4px  
4px #4ECAD7 }
```

# Background

The CSS property to change the background color of an element to Hex 4ECAD7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4ECAD7 }
```

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

```
.background{ background-color:#4ECAD7 }
```

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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