

Converting Colors

Hex(5FCAD2)

Have a look what the booklet for
Hex(5FCAD2) contains.

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Color

Hex(5FCAD2)

Conversions

Conversions Part 1

Format	Color
Hex	5FCAD2
RGB	95, 202, 210
RGB Percent	37%, 79%, 82%
CMY	0.6275, 0.2078, 0.1765
CMYK	0.55, 0.04, 0.00, 0.18
HSL	184°, 56%, 60%
HSV	184°, 55%, 82%
XYZ	37.4727, 49.3271, 68.5188
YIQ	170.9190, -66.3400, -20.1960

Conversions

Conversions Part 2

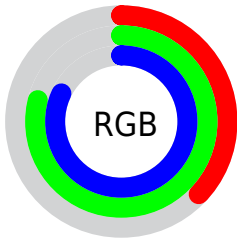
Format	Color
RYB	95, 150, 210
Decimal	6277842
CIELab	75.65, -28.43, -13.36
CIELCh	76, 31.415, 205.174
Yxy	49.3271, 0.2413, 0.3176
Android (android.graphics.Color)	4284467922 (0xFF5FCAD2)
YUV	170.9190, 19.2669, -66.5810
Hunter-Lab	70.2333, -27.6702, -8.6794

Details

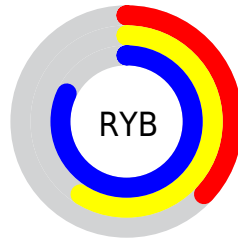
The Hex color **5FCAD2** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **D2675F**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **9AFFFF**, and **14949C** is the 20% darker color. If you saturate the color by 10%, you get **4AC9D2**, and if you desaturate by 10%, it is **74CBD2**.

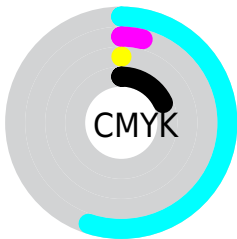
Distribution



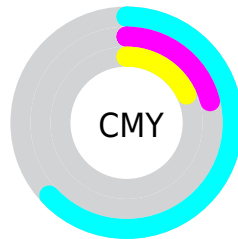
- Red (37%)
- Green (79%)
- Blue (82%)



- Red (37%)
- Yellow (59%)
- Blue (82%)



- Cyan (55%)
- Magenta (4%)
- Yellow (0%)
- Black (18%)



- Cyan (63%)
- Magenta (21%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5FCAD2 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 5FCAD2 by changing the saturation by 10% instead.

 5FCAD2

 5FCAD2

FFFFFF

 3FAEB6

 9AFFFF

 14949C

 B8FFFF

 007982

 D6FFFF

 006068

 F4FFFF

 004850

 003139

 001D24

 00010E

 000000

 5FCAD2

 5FCAD2

 4AC9D2

 74CBD2

 35C7D2

 89CDD2

 20C6D2

 9ECED2

 0BC4D2

 B3D0D2

 00C3D2

 C8D1D2

 DDD3D2

 F2D4D2

 FFD6D2

 FFD7D2

Harmonies

Analogous

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



74CAB5



5FCAD2



69C6E9

Triad

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



5FCAD2



DBABDC



D3B781

Complementary

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



5FCAD2



D2675F

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.



EAAD8C



5FCAD2



F0A5C0

Square

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



5FCAD2



B8B5EF



F4A6A3



B5C085

Rectangle

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



5FCAD2



80C1F2



F4A6A3



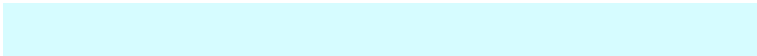
DCB483

Sweetspot

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



5FCAD2



D6FCFF



5FD267



677E80



000000



808080

Same Dimension

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



5FCAD2



57F3FF



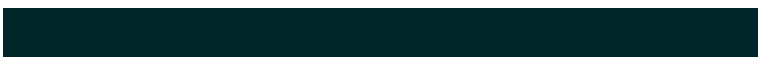
5F91D2



5E6869



009DA8



002629

Inverse Universe

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



D25FCA



FF57F3



D2A05F



695E68



A8009D



290026

Previews

White Background



This preview shows how the Hex color 5FCAD2 looks on a white background.

Color Contrast Check

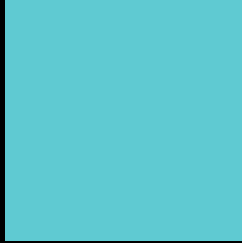
Large Text (above 18pt) WCAG AA × Fail

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 5FCAD2 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 5FCAD2 Background



This preview shows how black text looks on a background with the Hex color 5FCAD2.

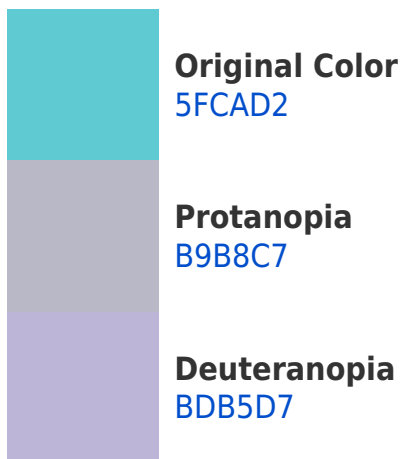


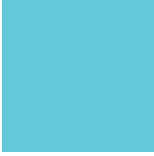
This preview shows how white text looks on a background with the Hex color 5FCAD2.

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](#).

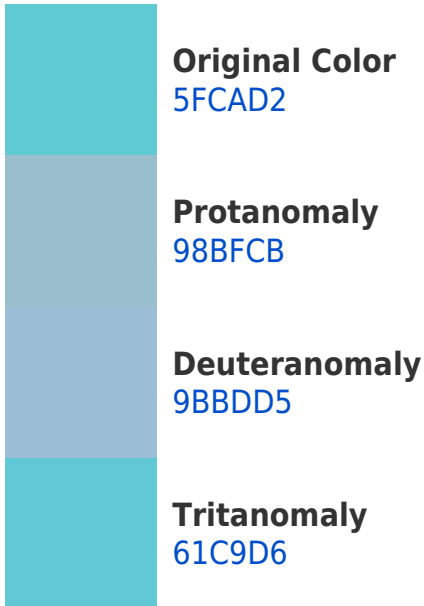
Dichromacy



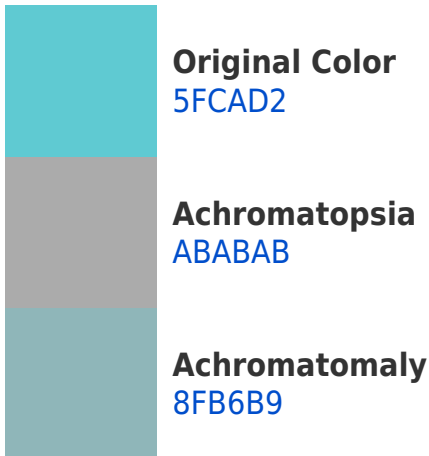


Tritanopia
62C9D9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5FCAD2 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 #5FCAD2 looks like.

```
.text, #text, p{  
    color:#5FCAD2  
}
```

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 #5FCAD2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5FCAD2
}
```

Border

The CSS property to change the border of an element to Hex 5FCAD2 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
#5FCAD2 }
```

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

```
.border{ border-color:#5FCAD2 }
```

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

Here you see how a box with a 4 pixel #5FCAD2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5FCAD2; -webkit-box-shadow:4px 4px  
4px 4px #5FCAD2; box-shadow:4px 4px 4px  
4px #5FCAD2 }
```

Background

The CSS property to change the background color of an element to Hex 5FCAD2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5FCAD2 }
```

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

```
.background{ background-color:#5FCAD2 }
```

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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