

Converting Colors

Hex(4AF5B2)

Have a look what the booklet for
Hex(4AF5B2) contains.

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Color

Hex(4AF5B2)

Conversions

Conversions Part 1

Format	Color
Hex	4AF5B2
RGB	74, 245, 178
RGB Percent	29%, 96%, 70%
CMY	0.7098, 0.0392, 0.3020
CMYK	0.70, 0.00, 0.27, 0.04
HSL	156°, 90%, 63%
HSV	156°, 70%, 96%
XYZ	43.5123, 69.9750, 53.3327
YIQ	186.2330, -80.4090, -57.0890

Conversions

Conversions Part 2

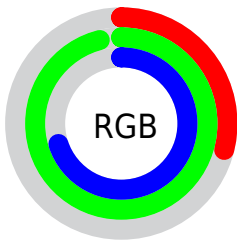
Format	Color
RYB	74, 180, 245
Decimal	4912562
CIELab	86.98, -58.54, 19.90
CIELCh	87, 61.835, 161.222
Yxy	69.9750, 0.2608, 0.4195
Android (android.graphics.Color)	4283102642 (0xFF4AF5B2)
YUV	186.2330, -4.0589, -98.4283
Hunter-Lab	83.6511, -53.5400, 20.7547

Details

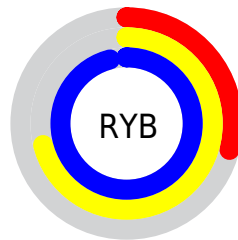
The Hex color **4AF5B2** is a light color, and the websafe version is hex **33FFCC**. The color can be described as light washed spring green. A complement of this color would be **F54A8D**, and the grayscale version is **BABABA**.

A 20% lighter version of the original color is **8EFFEA**, and **00BC7D** is the 20% darker color. If you saturate the color by 10%, you get **31F5A8**, and if you desaturate by 10%, it is **62F5BC**.

Distribution



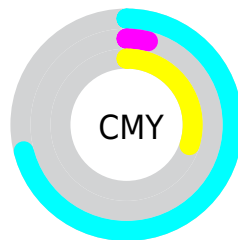
- Red (29%)
- Green (96%)
- Blue (70%)



- Red (29%)
- Yellow (71%)
- Blue (96%)



- Cyan (70%)
- Magenta (0%)
- Yellow (27%)
- Black (4%)



- Cyan (71%)
- Magenta (4%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4AF5B2 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 4AF5B2 by changing the saturation by 10% instead.

 4AF5B2

 4AF5B2

FFFFFF

 16D897

 8EFFEA

 00BC7D

 ADFFFF

 00A064

 CCFFFF

 00854C

 ECFFFF

 006A35

 00511F

 003808

 002000

 000000

 4AF5B2

 4AF5B2

 31F5A8

 62F5BC

 19F59F

 7BF5C5

 00F595

 93F5CF

 ACF5D8

 C4F5E2

 DDF5EC

 F6F5F5

 FFF5FF

Harmonies

Analogous

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



A7EC7E



4AF5B2



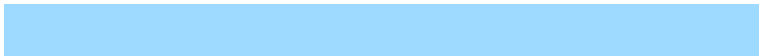
00F8EF

Triad

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



4AF5B2



9ED9FF



FFB48F

Complementary

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



4AF5B2



F54A8D

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.



FFA8C6



4AF5B2



FBC2FF

Square

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



4AF5B2



00EAFF



FFAEFF



FFC969

Rectangle

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



4AF5B2



00F6FF



FFAEFF



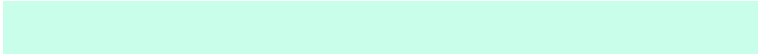
FFAFA0

Sweetspot

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



4AF5B2



C9FFEA



8EF54A



608073



000000



808080

Same Dimension

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



4AF5B2



29FFAB



4AE4F5



6E7A76



00BA71



003B24

Inverse Universe

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



F54A8D



FF297D



F55B4A



7A6E73



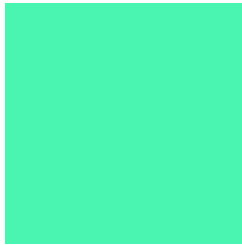
BA0049



3B0017

Previews

White Background



This preview shows how the Hex color 4AF5B2 looks on a white background.

Color Contrast Check

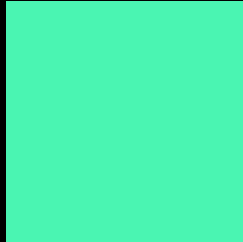
Large Text (above 18pt) WCAG AA × Fail

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 4AF5B2 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

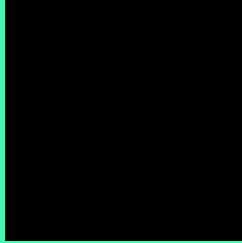
Any Text WCAG AA ✓ Pass

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 4AF5B2 Background



This preview shows how black text looks on a background with the Hex color 4AF5B2.

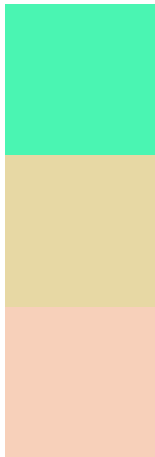


This preview shows how white text looks on a background with the Hex color 4AF5B2.

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](#).

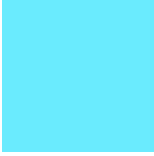
Dichromacy



Original Color
4AF5B2

Protanopia
E7D8A4

Deuteranopia
F7D0BA

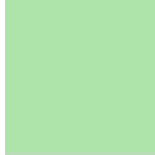


Tritanopia
6AEBFE

Trichromacy



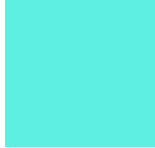
Original Color
4AF5B2



Protanomaly
AEE3A9



Deuteranomaly
B8DDB7



Tritanomaly
5EEFE2

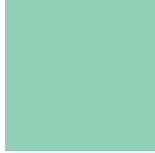
Monochromacy



Original Color
4AF5B2



Achromatopsia
BABABA



Achromatomaly
91CFB7

CSS Examples

Text

The CSS property to change the color of the text to Hex 4AF5B2 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 #4AF5B2 looks like.

```
.text, #text, p{  
    color:#4AF5B2  
}
```

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 #4AF5B2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4AF5B2
}
```

Border

The CSS property to change the border of an element to Hex 4AF5B2 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
#4AF5B2 }
```

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

```
.border{ border-color:#4AF5B2 }
```

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

Here you see how a box with a 4 pixel #4AF5B2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4AF5B2; -webkit-box-shadow:4px 4px  
4px 4px #4AF5B2; box-shadow:4px 4px 4px  
4px #4AF5B2 }
```

Background

The CSS property to change the background color of an element to Hex 4AF5B2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4AF5B2 }
```

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

```
.background{ background-color:#4AF5B2 }
```

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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