

Converting Colors

Hex(5AD2F1)

Have a look what the booklet for
Hex(5AD2F1) contains.

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Color

Hex(5AD2F1)

Conversions

Conversions Part 1

Format	Color
Hex	5AD2F1
RGB	90, 210, 241
RGB Percent	35%, 82%, 95%
CMY	0.6471, 0.1765, 0.0549
CMYK	0.63, 0.13, 0.00, 0.05
HSL	192°, 84%, 65%
HSV	192°, 63%, 95%
XYZ	43.1402, 54.6177, 91.4876
YIQ	177.6540, -81.4710, -15.7990

Conversions

Conversions Part 2

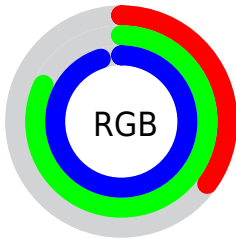
Format	Color
RYB	90, 157, 241
Decimal	5952241
CIELab	78.82, -24.46, -25.24
CIELCh	79, 35.146, 225.906
Yxy	54.6177, 0.2280, 0.2886
Android (android.graphics.Color)	4284142321 (0xFF5AD2F1)
YUV	177.6540, 31.2296, -76.8726
Hunter-Lab	73.9038, -25.1350, -21.6641

Details

The Hex color **5AD2F1** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light muted cyan. A complement of this color would be **F1795A**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **99FFFF**, and **009BB9** is the 20% darker color. If you saturate the color by 10%, you get **42CDF1**, and if you desaturate by 10%, it is **72D7F1**.

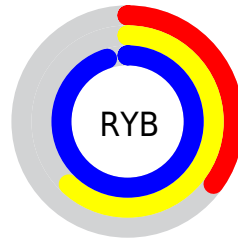
Distribution



Red (35%)

Green (82%)

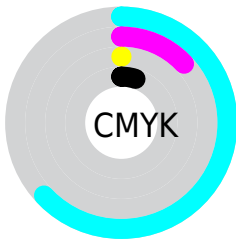
Blue (95%)



Red (35%)

Yellow (62%)

Blue (95%)

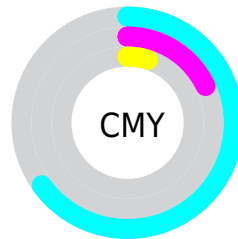


Cyan (63%)

Magenta (13%)

Yellow (0%)

Black (5%)



Cyan (65%)

Magenta (18%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5AD2F1 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 5AD2F1 by changing the saturation by 10% instead.

 5AD2F1

 5AD2F1

FFFFFF

 35B6D5

 99FFFF

 009BB9

 B8FFFF

 00819E

 D6FFFF

 006884

 F5FFFF

 004F6A

 003852

 00233B

 000225

 00010E

■ 5AD2F1

■ 5AD2F1

■ 42CDF1

■ 72D7F1

■ 2AC8F1

■ 8ADCF1

■ 12C3F1

■ A2E1F1

■ 00C0F1

■ BAE6F1

■ D3EBF1

■ EBF0F1

■ FFF5F1

■ FFFAF1

■ FFFFF1

Harmonies

Analogous

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



5CD5D4



5AD2F1



80CBFF

Triad

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



5AD2F1



FAACD4



C8C784

Complementary

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



5AD2F1



F1795A

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.



E8BC84



5AD2F1



FFABB3

Square

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



5AD2F1



DDB5F1



FDB196



A3CF95

Rectangle

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



5AD2F1



A1C4FF



FDB196



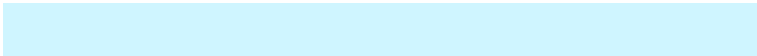
D3C382

Sweetspot

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



5AD2F1



CFF5FF



5AF178



627980



000000



808080

Same Dimension

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



5AD2F1



40D8FF



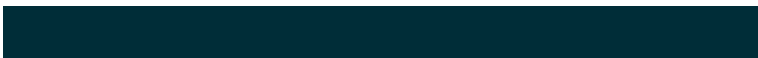
5A87F1



6C7578



0092B8



002D38

Inverse Universe

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



F15AD2



FF40D8



F1C45A



786C75



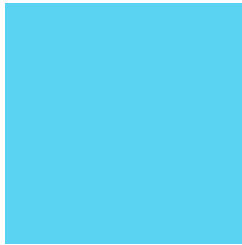
B80092



38002D

Previews

White Background



This preview shows how the Hex color 5AD2F1 looks on a white background.

Color Contrast Check

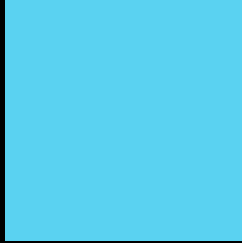
Large Text (above 18pt) WCAG AA × Fail

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 5AD2F1 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 5AD2F1 Background



This preview shows how black text looks on a background with the Hex color 5AD2F1.

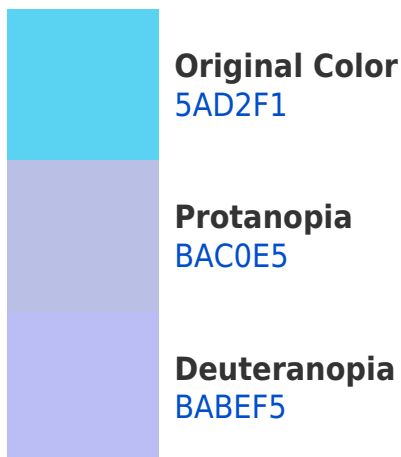


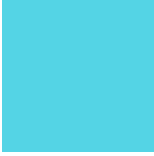
This preview shows how white text looks on a background with the Hex color 5AD2F1.

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](#).

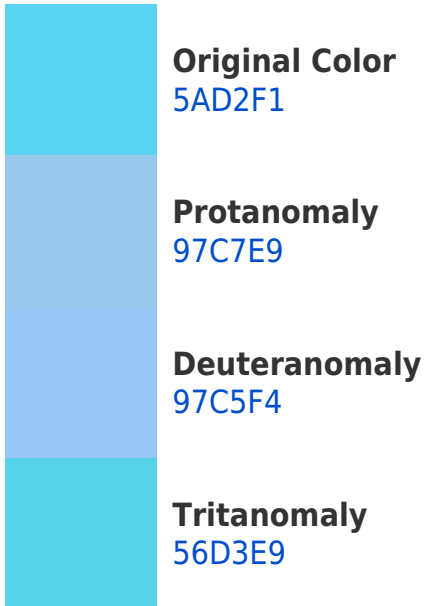
Dichromacy



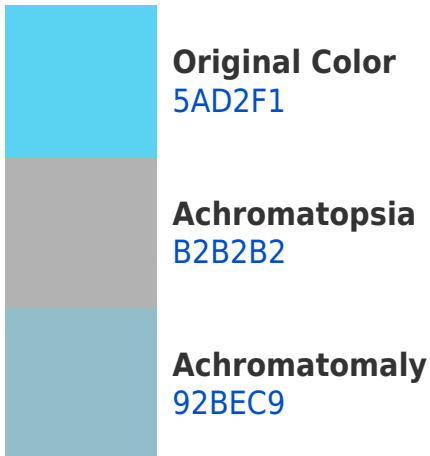


Tritanopia
54D4E5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5AD2F1 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 #5AD2F1 looks like.

```
.text, #text, p{  
    color:#5AD2F1  
}
```

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 #5AD2F1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5AD2F1
}
```

Border

The CSS property to change the border of an element to Hex 5AD2F1 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
#5AD2F1 }
```

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

```
.border{ border-color:#5AD2F1 }
```

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

Here you see how a box with a 4 pixel #5AD2F1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5AD2F1; -webkit-box-shadow:4px 4px  
4px 4px #5AD2F1; box-shadow:4px 4px 4px  
4px #5AD2F1 }
```

Background

The CSS property to change the background color of an element to Hex 5AD2F1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5AD2F1 }
```

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

```
.background{ background-color:#5AD2F1 }
```

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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