

Converting Colors

Hex(5ACFF6)

Have a look what the booklet for
Hex(5ACFF6) contains.

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Color

Hex(5ACFF6)

Conversions

Conversions Part 1

Format	Color
Hex	5ACFF6
RGB	90, 207, 246
RGB Percent	35%, 81%, 96%
CMY	0.6471, 0.1882, 0.0353
CMYK	0.63, 0.16, 0.00, 0.04
HSL	195°, 90%, 66%
HSV	195°, 63%, 96%
XYZ	43.1638, 53.4531, 95.2313
YIQ	176.4630, -82.2510, -12.6750

Conversions

Conversions Part 2

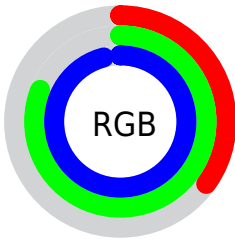
Format	Color
R _Y B	90, 157, 246
Decimal	5951478
CIE Lab	78.14, -21.46, -28.95
CIE LCh	78, 36.038, 233.453
Yxy	53.4531, 0.2250, 0.2786
Android (android.graphics.Color)	4284141558 (0xFF5ACFF6)
YUV	176.4630, 34.2817, -75.8281
Hunter-Lab	73.1116, -22.5621, -26.0498

Details

The Hex color **5ACFF6** 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 **F6815A**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **9AFFFF**, and **0099BE** is the 20% darker color. If you saturate the color by 10%, you get **41C9F6**, and if you desaturate by 10%, it is **73D5F6**.

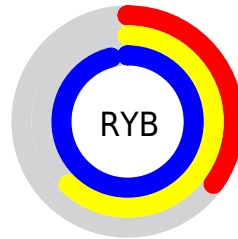
Distribution



Red (35%)

Green (81%)

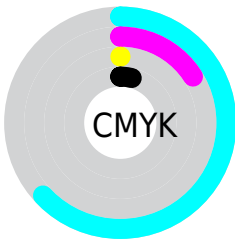
Blue (96%)



Red (35%)

Yellow (62%)

Blue (96%)

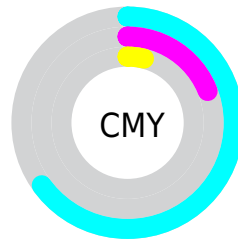


Cyan (63%)

Magenta (16%)

Yellow (0%)

Black (4%)



Cyan (65%)

Magenta (19%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5ACFF6 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 5ACFF6 by changing the saturation by 10% instead.

 5ACFF6

 5ACFF6

FFFFFF

 34B3D9

 9AFFFF

 0099BE

 B8FFFF

 007EA2

 D7FFFF

 006588

 F6FFFF

 004D6F

 003656

 00223E

 000329

 000113

 5ACFF6

 5ACFF6

 41C9F6

 73D5F6

 29C3F6

 8BDBF6

 10BDF6

 A4E1F6

 00B9F6

 BCE8F6

 D5EEF6

 EEF4F6

 FFFAF6

 FFFFF6

Harmonies

Analogous

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



50D3DB



5ACFF6



88C7FF

Triad

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



5ACFF6



FEA9CA



BDC783

Complementary

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



5ACFF6



F6815A

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.



DFBD7F



5ACFF6



FFA9A8

Square

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



5ACFF6



E5B0E9



F8B18D



97CF98

Rectangle

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



5ACFF6



ABBFFF



F8B18D



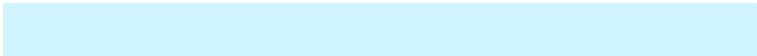
C9C480

Sweetspot

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



5ACFF6



CFF3FF



5AF681



627880



000000



808080

Same Dimension

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



5ACFF6



3DCFFF



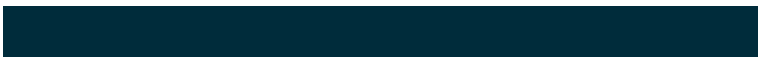
5A81F6



6E777A



008CBA



002C3B

Inverse Universe

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



F65ACF



FF3DCF



F6CF5A



7A6E77



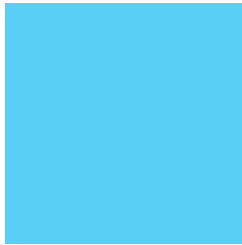
BA008C



3B002C

Previews

White Background



This preview shows how the Hex color 5ACFF6 looks on a white background.

Color Contrast Check

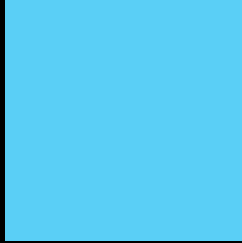
Large Text (above 18pt) WCAG AA × Fail

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 5ACFF6 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 5ACFF6 Background



This preview shows how black text looks on a background with the Hex color 5ACFF6.

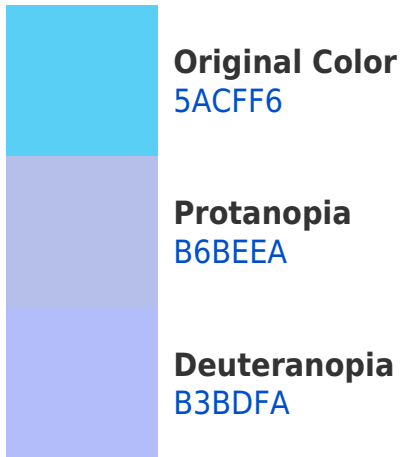


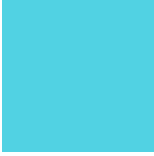
This preview shows how white text looks on a background with the Hex color 5ACFF6.

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](#).

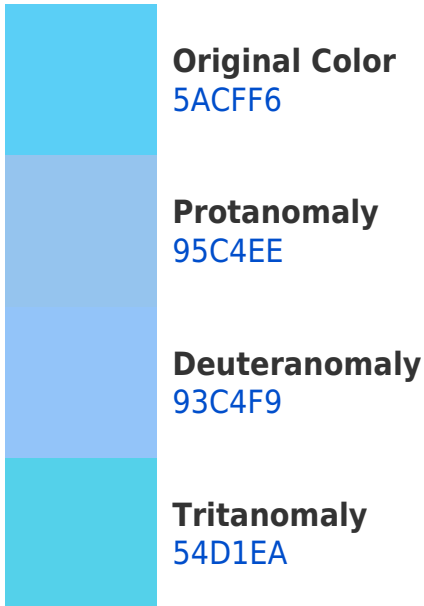
Dichromacy



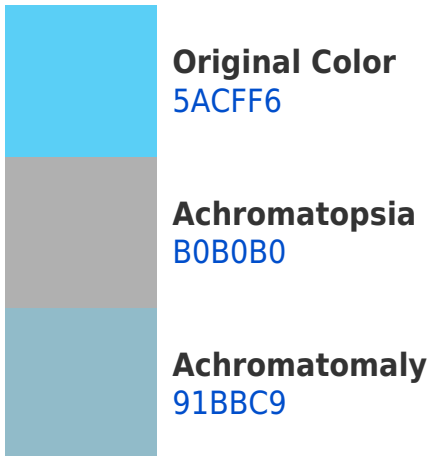


Tritanopia
51D2E3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5ACFF6 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 #5ACFF6 looks like.

```
.text, #text, p{  
    color:#5ACFF6  
}
```

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 #5ACFF6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5ACFF6
}
```

Border

The CSS property to change the border of an element to Hex 5ACFF6 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
#5ACFF6 }
```

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

```
.border{ border-color:#5ACFF6 }
```

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

Here you see how a box with a 4 pixel #5ACFF6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5ACFF6; -webkit-box-shadow:4px 4px  
4px 4px #5ACFF6; box-shadow:4px 4px 4px  
4px #5ACFF6 }
```

Background

The CSS property to change the background color of an element to Hex 5ACFF6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5ACFF6 }
```

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

```
.background{ background-color:#5ACFF6 }
```

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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