

Converting Colors

Hex(93D5F5)

Have a look what the booklet for
Hex(93D5F5) contains.

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Color

Hex(93D5F5)

Conversions

Conversions Part 1

Format	Color
Hex	93D5F5
RGB	147, 213, 245
RGB Percent	58%, 84%, 96%
CMY	0.4235, 0.1647, 0.0392
CMYK	0.40, 0.13, 0.00, 0.04
HSL	200°, 83%, 77%
HSV	200°, 40%, 96%
XYZ	52.3083, 60.3841, 95.2846
YIQ	196.9140, -49.6080, -4.0400

Conversions

Conversions Part 2

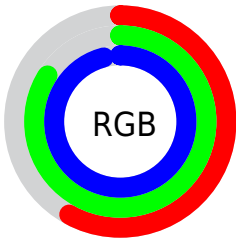
Format	Color
R _Y B	147, 186, 245
Decimal	9688565
CIE Lab	82.05, -12.87, -22.26
CIE LCh	82, 25.708, 239.962
Yxy	60.3841, 0.2515, 0.2903
Android (android.graphics.Color)	4287878645 (0xFF93D5F5)
YUV	196.9140, 23.7064, -43.7746
Hunter-Lab	77.7072, -15.8311, -18.3063

Details

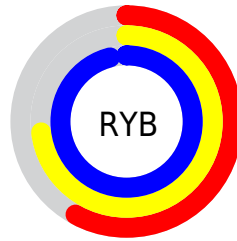
The Hex color **93D5F5** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **F5B393**, and the grayscale version is **C5C5C5**.

A 20% lighter version of the original color is **CCFFFF**, and **5B9EBD** is the 20% darker color. If you saturate the color by 10%, you get **7ACDF5**, and if you desaturate by 10%, it is **ABDDF5**.

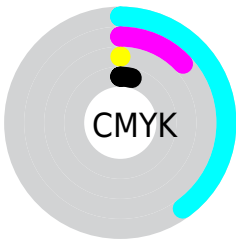
Distribution



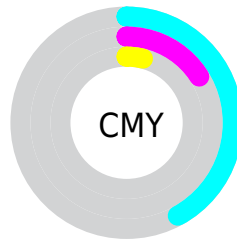
- Red (58%)
- Green (84%)
- Blue (96%)



- Red (58%)
- Yellow (73%)
- Blue (96%)



- Cyan (40%)
- Magenta (13%)
- Yellow (0%)
- Black (4%)



- Cyan (42%)
- Magenta (16%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Hex color 93D5F5 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 93D5F5 by changing the saturation by 10% instead.

 93D5F5

 93D5F5

FFFFFF

 77B9D9

 CCFFFF

 5B9EBD

 E9FFFF

 3E84A2

 1D6B87

 00536E

 003C55

 00263E

 001028

 000113

■ 93D5F5

■ 93D5F5

■ 7ACDF5

■ ABDDF5

■ 62C5F5

■ C4E5F5

■ 4ABDF5

■ DCEDF5

■ 31B5F5

■ F5F5F5

■ 18ADF5

■ FFFDF5

■ 00A5F5

■ FFFFF5

Harmonies

Analogous

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



88D9E3



93D5F5



AFCEFC

Triad

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



93D5F5



FBBBCD



C4D2A2

Complementary

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



93D5F5



F5B393

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.



DECA9C



93D5F5



FDBC5

Square

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



93D5F5



EBBF55



F3C2A3



A9D7B3

Rectangle

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



93D5F5



C5C9F9



F3C2A3



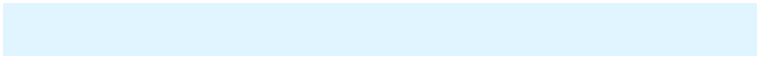
CDD09F

Sweetspot

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



93D5F5



E0F5FF



93F5B2



6E7A80



000000



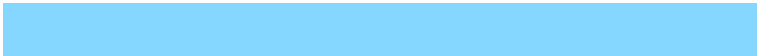
808080

Same Dimension

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



93D5F5



85D7FF



93A5F5



6E767A



007DBA



00273B

Inverse Universe

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



F593D5



FF85D7



F5E393



7A6E76



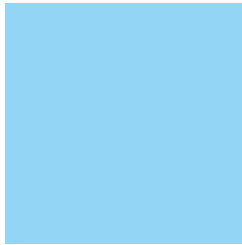
BA007D



3B0027

Previews

White Background



This preview shows how the Hex color 93D5F5 looks on a white background.

Color Contrast Check

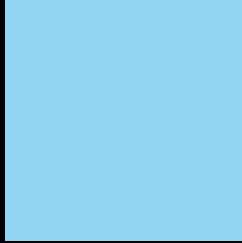
Large Text (above 18pt) WCAG AA × Fail

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 93D5F5 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

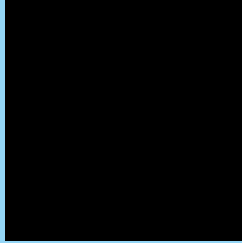
Any Text WCAG AA ✓ Pass

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 93D5F5 Background



This preview shows how black text looks on a background with the Hex color 93D5F5.

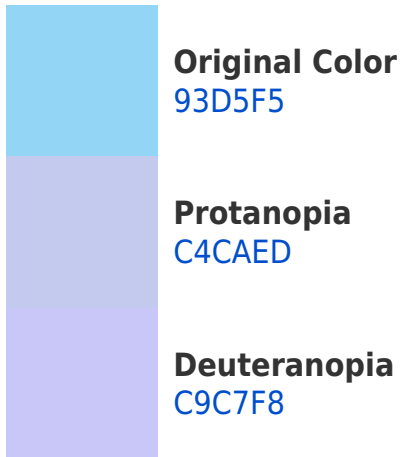


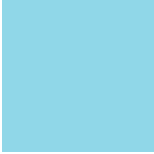
This preview shows how white text looks on a background with the Hex color 93D5F5.

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](#).

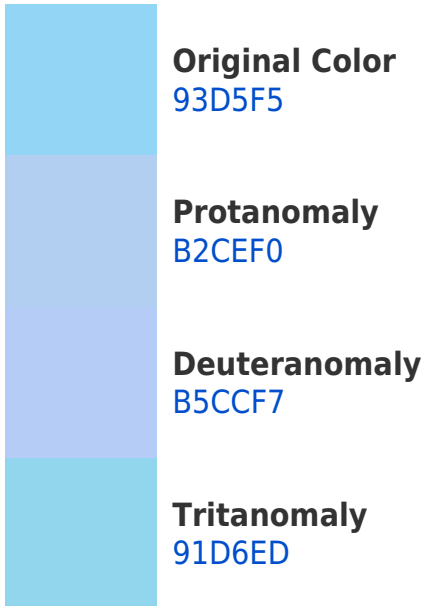
Dichromacy



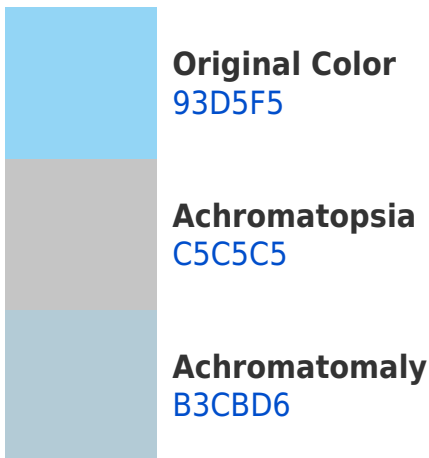


Tritanopia
90D7E8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 93D5F5 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 #93D5F5 looks like.

```
.text, #text, p{  
    color:#93D5F5  
}
```

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 #93D5F5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #93D5F5
}
```

Border

The CSS property to change the border of an element to Hex 93D5F5 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
#93D5F5 }
```

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

```
.border{ border-color:#93D5F5 }
```

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

Here you see how a box with a 4 pixel #93D5F5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #93D5F5; -webkit-box-shadow:4px 4px  
4px 4px #93D5F5; box-shadow:4px 4px 4px  
4px #93D5F5 }
```

Background

The CSS property to change the background color of an element to Hex 93D5F5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#93D5F5 }
```

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

```
.background{ background-color:#93D5F5 }
```

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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