

Converting Colors

Hex(9EBAF3)

Have a look what the booklet for
Hex(9EBAF3) contains.

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Color

Hex(9EBAF3)

Conversions

Conversions Part 1	
Format	Color
Hex	9EBAF3
RGB	158, 186, 243
RGB Percent	62%, 73%, 95%
CMY	0.3804, 0.2706, 0.0471
CMYK	0.35, 0.23, 0.00, 0.05
HSL	220°, 78%, 79%
HSV	220°, 35%, 95%
XYZ	47.8371, 48.8580, 91.7033
YIQ	184.1260, -34.9850, 11.7910

Conversions

Conversions Part 2

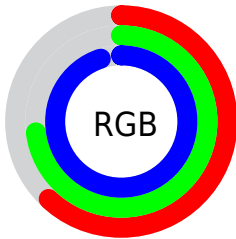
Format	Color
RYB	158, 179, 243
Decimal	10402547
CIELab	75.36, 3.92, -31.35
CIELCh	75, 31.595, 277.119
Yxy	48.8580, 0.2539, 0.2593
Android (android.graphics.Color)	4288592627 (0xFF9EBAF3)
YUV	184.1260, 29.0249, -22.9125
Hunter-Lab	69.8985, -0.1605, -28.8565

Details

The Hex color **9EBAF3** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **F3D79E**, and the grayscale version is **B8B8B8**.

A 20% lighter version of the original color is **D7F2FF**, and **6885BB** is the 20% darker color. If you saturate the color by 10%, you get **86AAF3**, and if you desaturate by 10%, it is **B6CAF3**.

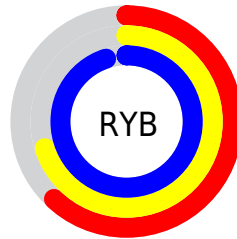
Distribution



Red (62%)

Green (73%)

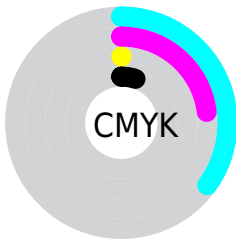
Blue (95%)



Red (62%)

Yellow (70%)

Blue (95%)

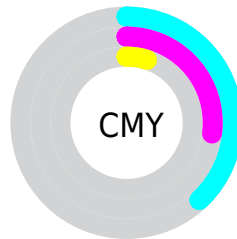


Cyan (35%)

Magenta (23%)

Yellow (0%)

Black (5%)



Cyan (38%)

Magenta (27%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9EBAF3 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 9EBAF3 by changing the saturation by 10% instead.

 9EBAF3

 9EBAF3

FFFFFF

 839FD6

 D7F2FF

 6885BB

 F4FFFF

 4D6CA0

 325485

 123D6C

 002853

 00133C

 000226

 00010E

 9EBAF3

 9EBAF3

 86AAF3

 B6CAF3

 6D99F3

 CFDBF3

 5589F3

 E7EBF3

 3D79F3

 FFFBF3

 2569F3

 FFFFF3

 0C58F3

 0050F3

Harmonies

Analogous

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



74C3EE



9EBAF3



C7B0E8

Triad

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



9EBAF3



F1A898



85C8A2

Complementary

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



9EBAF3



F3D79E

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.



A7C28A



9EBAF3



E1B085

Square

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



9EBAF3



F3A4B4



C7BA80



67CAC0

Rectangle

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



9EBAF3



DCAADA



C7BA80



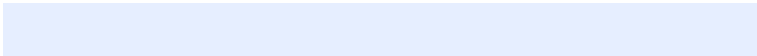
91C699

Sweetspot

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



9EBAF3



E6EEFF



9EF3D7



707580



000000



808080

Same Dimension

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



9EBAF3



94B7FF



AC9EF3



6E727A



003DBA



00133B

Inverse Universe

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



F39EBA



FF94B7



E5F39E



7A6E72



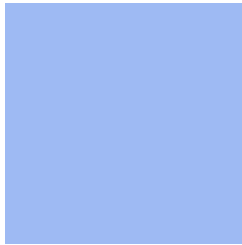
BA003D



3B0013

Previews

White Background



This preview shows how the Hex color 9EBAF3 looks on a white background.

Color Contrast Check

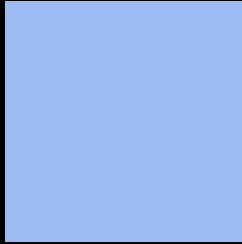
Large Text (above 18pt) WCAG AA × Fail

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 9EBAF3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

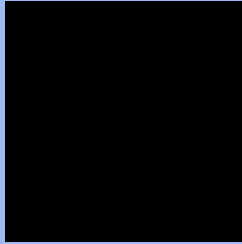
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

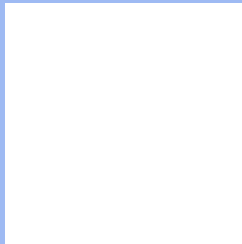
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 9EBAF3 Background



This preview shows how black text looks on a background with the Hex color 9EBAF3.



This preview shows how white text looks on a background with the Hex color 9EBAF3.

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](#).

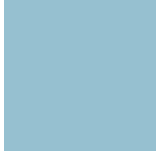
Dichromacy



Original Color
9EBAF3


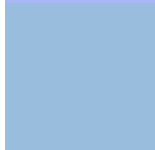
Protanopia
AAB7F1

Deuteranopia
ABB6F4




Tritanopia
96C0D0

Trichromacy

	Original Color 9EBAF3
	Protanomaly A6B8F2
	Deuteranomaly A6B7F4
	Tritanomaly 99BEDD

Monochromacy

	Original Color 9EBAF3
	Achromatopsia B8B8B8
	Achromatomaly AFB9CD

CSS Examples

Text

The CSS property to change the color of the text to Hex 9EBAF3 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 #9EBAF3 looks like.

```
.text, #text, p{  
    color:#9EBAF3  
}
```

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 #9EBAF3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9EBAF3
}
```

Border

The CSS property to change the border of an element to Hex 9EBAF3 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
#9EBAF3 }
```

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

```
.border{ border-color:#9EBAF3 }
```

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

Here you see how a box with a 4 pixel #9EBAF3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9EBAF3; -webkit-box-shadow:4px 4px  
4px 4px #9EBAF3; box-shadow:4px 4px 4px  
4px #9EBAF3 }
```

Background

The CSS property to change the background color of an element to Hex 9EBAF3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9EBAF3 }
```

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

```
.background{ background-color:#9EBAF3 }
```

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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