

Converting Colors

Hex(83F2F3)

Have a look what the booklet for
Hex(83F2F3) contains.

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Color

Hex(83F2F3)

Conversions

Conversions Part 1

Format	Color
Hex	83F2F3
RGB	131, 242, 243
RGB Percent	51%, 95%, 95%
CMY	0.4863, 0.0510, 0.0471
CMYK	0.46, 0.00, 0.00, 0.05
HSL	181°, 82%, 73%
HSV	181°, 46%, 95%
XYZ	57.2899, 74.8006, 96.2125
YIQ	208.9250, -66.4770, -23.2210

Conversions

Conversions Part 2

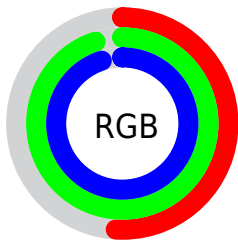
Format	Color
R_{YB}	131, 187, 243
Decimal	8647411
CIE _{Lab}	89.30, -31.52, -10.37
CIE _{LCh}	89, 33.179, 198.211
Yxy	74.8006, 0.2509, 0.3276
Android (android.graphics.Color)	4286837491 (0xFF83F2F3)
YUV	208.9250, 16.7990, -68.3402
Hunter-Lab	86.4874, -33.1131, -5.4158

Details

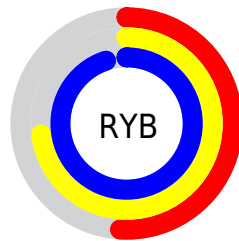
The Hex color **83F2F3** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **F38483**, and the grayscale version is **D1D1D1**.

A 20% lighter version of the original color is **BEFFFF**, and **45B9BB** is the 20% darker color. If you saturate the color by 10%, you get **6BF2F3**, and if you desaturate by 10%, it is **9BF2F3**.

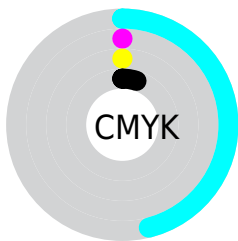
Distribution



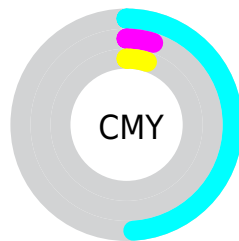
- Red (51%)
- Green (95%)
- Blue (95%)



- Red (51%)
- Yellow (73%)
- Blue (95%)



- Cyan (46%)
- Magenta (0%)
- Yellow (0%)
- Black (5%)



- Cyan (49%)
- Magenta (5%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color 83F2F3 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 83F2F3 by changing the saturation by 10% instead.

 83F2F3

 83F2F3

FFFFFF

 65D5D7

 BEFFFF

 45B9BB

 DCFFFF

 1E9EA0

 FAFFFF

 008486

 006A6D

 005154

 003A3D

 002527

 000114

 83F2F3

 83F2F3

 6BF2F3

 9BF2F3

 52F2F3

 B4F2F3

 3AF1F3

 CCF3F3

 22F1F3

 E4F3F3

 09F1F3

 FCF3F3

 00F1F3

 FFF3F3

 FFF4F3

Harmonies

Analogous

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



9CF1D2



83F2F3



86EFFF

Triad

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



83F2F3



FDD2FF



FFDAA3

Complementary

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



83F2F3



F38483

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.



FFD0B2



83F2F3



FFCAEE

Square

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



83F2F3



D4DDFF



FFCACE



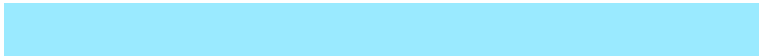
E3E4A4

Rectangle

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



83F2F3



9AEAFF



FFCACE



FFD7A6

Sweetspot

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



83F2F3



DBFFFF



83F383



6A7F80



000000



808080

Same Dimension

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



83F2F3



73FEFF



83BBF3



6E7A7A



00B8BA



003A3B

Inverse Universe

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



F383F2



FF73FE



F3BB83



7A6E7A



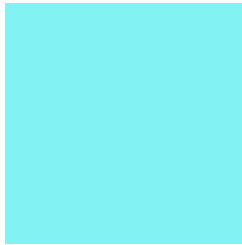
BA00B8



3B003A

Previews

White Background



This preview shows how the Hex color 83F2F3 looks on a white background.

Color Contrast Check

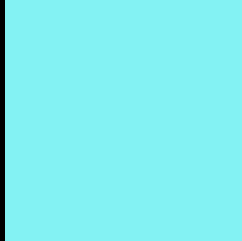
Large Text (above 18pt) WCAG AA × Fail

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 83F2F3 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 83F2F3 Background



This preview shows how black text looks on a background with the Hex color 83F2F3.



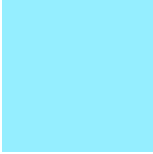
This preview shows how white text looks on a background with the Hex color 83F2F3.

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



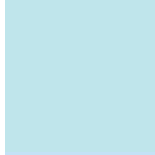


Tritanopia
95EEFF

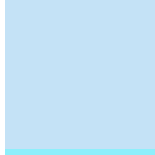
Trichromacy



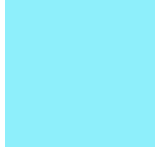
Original Color
83F2F3



Protanomaly
BFE5EB



Deuteranomaly
C4E2F6

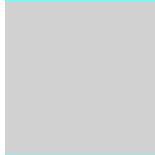


Tritanomaly
8EEFFB

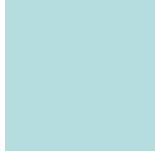
Monochromacy



Original Color
83F2F3



Achromatopsia
D1D1D1



Achromatomaly
B5DDDD

CSS Examples

Text

The CSS property to change the color of the text to Hex 83F2F3 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 #83F2F3 looks like.

```
.text, #text, p{  
    color:#83F2F3  
}
```

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 #83F2F3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #83F2F3
}
```

Border

The CSS property to change the border of an element to Hex 83F2F3 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
#83F2F3 }
```

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

```
.border{ border-color:#83F2F3 }
```

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

Here you see how a box with a 4 pixel #83F2F3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #83F2F3; -webkit-box-shadow:4px 4px  
4px 4px #83F2F3; box-shadow:4px 4px 4px  
4px #83F2F3 }
```

Background

The CSS property to change the background color of an element to Hex 83F2F3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#83F2F3 }
```

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

```
.background{ background-color:#83F2F3 }
```

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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