

Converting Colors

Hex(8BE2FD)

Have a look what the booklet for
Hex(8BE2FD) contains.

Hex(8BE2FD)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(8BE2FD)

Conversions

Conversions Part 1

Format	Color
Hex	8BE2FD
RGB	139, 226, 253
RGB Percent	55%, 89%, 99%
CMY	0.4549, 0.1137, 0.0078
CMYK	0.45, 0.11, 0.00, 0.01
HSL	194°, 97%, 77%
HSV	194°, 45%, 99%
XYZ	55.5734, 66.9735, 102.9267
YIQ	203.0650, -60.5190, -10.0470

Conversions

Conversions Part 2

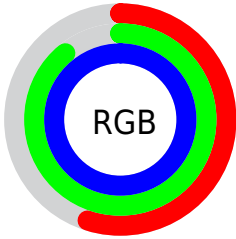
Format	Color
R_{YB}	139, 188, 253
Decimal	9167613
CIE _{Lab}	85.49, -19.36, -21.30
CIE _{LCh}	85, 28.784, 227.733
Yxy	66.9735, 0.2465, 0.2970
Android (android.graphics.Color)	4287357693 (0xFF8BE2FD)
YUV	203.0650, 24.6180, -56.1850
Hunter-Lab	81.8374, -22.0011, -17.2828

Details

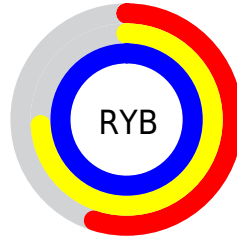
The Hex color **8BE2FD** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **FDA68B**, and the grayscale version is **CBCBCB**.

A 20% lighter version of the original color is **C5FFFF**, and **50ABC4** is the 20% darker color. If you saturate the color by 10%, you get **72DCFD**, and if you desaturate by 10%, it is **A4E8FD**.

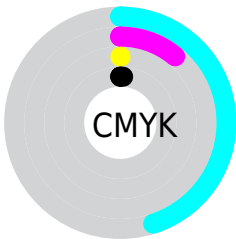
Distribution



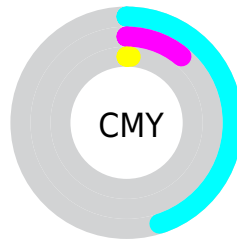
- Red (55%)
- Green (89%)
- Blue (99%)



- Red (55%)
- Yellow (74%)
- Blue (99%)



- Cyan (45%)
- Magenta (11%)
- Yellow (0%)
- Black (1%)



- Cyan (45%)
- Magenta (11%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8BE2FD 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 8BE2FD by changing the saturation by 10% instead.

 8BE2FD

 8BE2FD

FFFFFF

 6EC6E0

 C5FFFF

 50ABC4

 E3FFFF

 2F90A9

 00768F

 005D75

 00465C

 002F45

 001C2E

 000119

 8BE2FD

 8BE2FD

 72DCFD

 A4E8FD

 58D6FD

 BEEEFD

 3FD0FD

 D7F4FD

 26CAFD

 F0FAFD

 0DC4FD

FFFFFFD

 00C1FD

Harmonies

Analogous

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



89E5E5



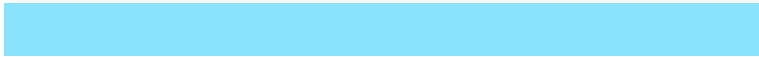
8BE2FD



A6DCFF

Triad

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



8BE2FD



FFC3E2



D9D9A2

Complementary

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



8BE2FD



FDA68B

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.



F4D0A1



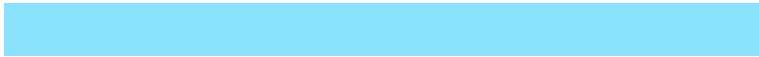
8BE2FD



FFC2C6

Square

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



8BE2FD



EEC9FA



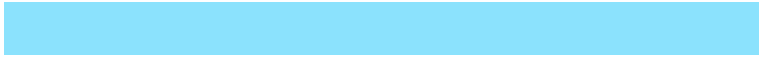
FFC8AE



BAE0B0

Rectangle

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



8BE2FD



BED6FF



FFC8AE



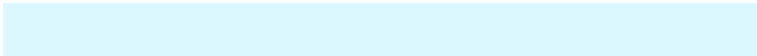
E3D6A0

Sweetspot

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



8BE2FD



DBF7FF



8BFDA6



6A7A80



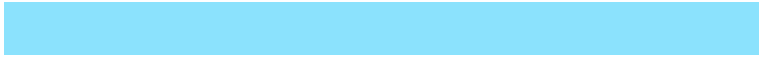
000000



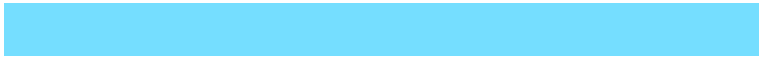
808080

Same Dimension

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



8BE2FD



75DEFF



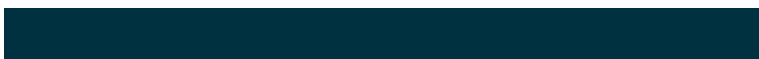
8BA9FD



737C80



0092BF



003140

Inverse Universe

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



FD8BE2



FF75DE



FDDF8B



80737C



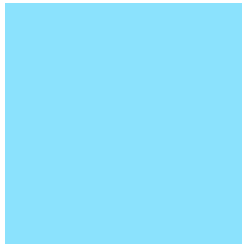
BF0092



400031

Previews

White Background



This preview shows how the Hex color 8BE2FD looks on a white background.

Color Contrast Check

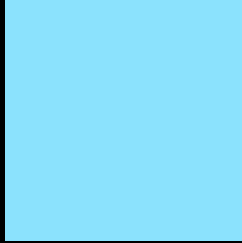
Large Text (above 18pt) WCAG AA × Fail

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 8BE2FD 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 8BE2FD Background



This preview shows how black text looks on a background with the Hex color 8BE2FD.

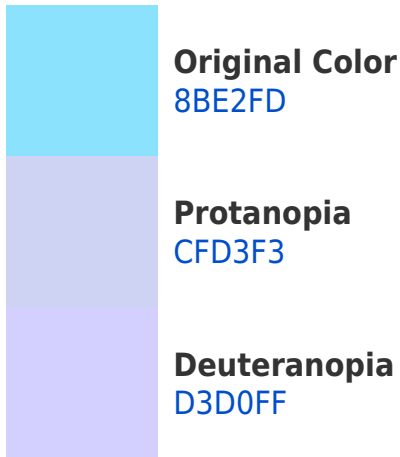


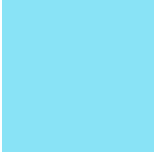
This preview shows how white text looks on a background with the Hex color 8BE2FD.

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](#).

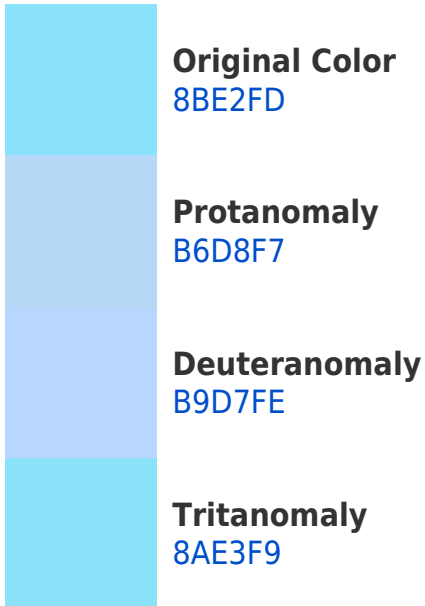
Dichromacy



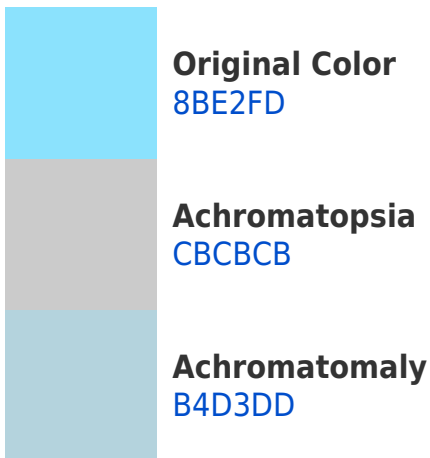


Tritanopia
89E3F6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 8BE2FD 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 #8BE2FD looks like.

```
.text, #text, p{  
    color:#8BE2FD  
}
```

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 #8BE2FD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8BE2FD
}
```

Border

The CSS property to change the border of an element to Hex 8BE2FD 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
#8BE2FD }
```

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

```
.border{ border-color:#8BE2FD }
```

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

Here you see how a box with a 4 pixel #8BE2FD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8BE2FD; -webkit-box-shadow:4px 4px  
4px 4px #8BE2FD; box-shadow:4px 4px 4px  
4px #8BE2FD }
```

Background

The CSS property to change the background color of an element to Hex 8BE2FD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8BE2FD }
```

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

```
.background{ background-color:#8BE2FD }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor