

Converting Colors

Hex(7BE1F2)

Have a look what the booklet for
Hex(7BE1F2) contains.

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Color

Hex(7BE1F2)

Conversions

Conversions Part 1

Format	Color
Hex	7BE1F2
RGB	123, 225, 242
RGB Percent	48%, 88%, 95%
CMY	0.5176, 0.1176, 0.0510
CMYK	0.49, 0.07, 0.00, 0.05
HSL	189°, 82%, 72%
HSV	189°, 49%, 95%
XYZ	51.1206, 64.4722, 93.7544
YIQ	196.4400, -66.2490, -16.3370

Conversions

Conversions Part 2

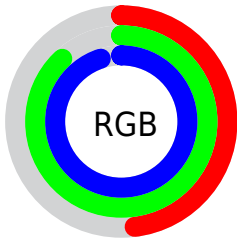
Format	Color
R _Y B	123, 178, 242
Decimal	8118770
CIE Lab	84.21, -25.32, -17.49
CIE LCh	84, 30.779, 214.637
Yxy	64.4722, 0.2442, 0.3080
Android (android.graphics.Color)	4286308850 (0xFF7BE1F2)
YUV	196.4400, 22.4611, -64.4069
Hunter-Lab	80.2946, -26.8711, -13.0226

Details

The Hex color **7BE1F2** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **F28C7B**, and the grayscale version is **C4C4C4**.

A 20% lighter version of the original color is **B6FFFF**, and **3CA9BA** is the 20% darker color. If you saturate the color by 10%, you get **63DEF2**, and if you desaturate by 10%, it is **93E4F2**.

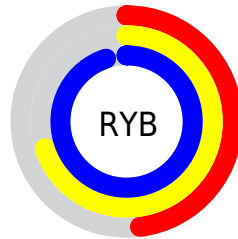
Distribution



Red (48%)

Green (88%)

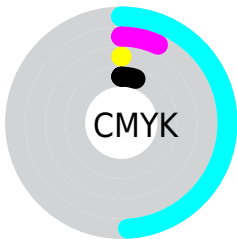
Blue (95%)



Red (48%)

Yellow (70%)

Blue (95%)

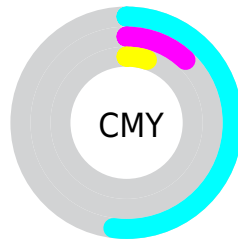


Cyan (49%)

Magenta (7%)

Yellow (0%)

Black (5%)



Cyan (52%)

Magenta (12%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7BE1F2 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 7BE1F2 by changing the saturation by 10% instead.

 7BE1F2

 7BE1F2

FFFFFF

 5DC5D6

 B6FFFF

 3CA9BA

 D4FFFF

 0D8F9F

 F2FFFF

 007585

 005C6C

 004453

 002D3C

 001926

 000111

 7BE1F2

 7BE1F2

 63DEF2

 93E4F2

 4BD AF2

 ABE8F2

 32D7F2

 C4EBF2

 1AD3F2

 DCEFF2

 02D0F2

 F4F2F2

 00CFF2

 FFF6F2

 FFF9F2

 FFFDF2

 FFFFF2

Harmonies

Analogous

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



85E2D6



7BE1F2



8EDCFF

Triad

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



7BE1F2



FBC0EC



E3D298

Complementary

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



7BE1F2



F28C7B

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.



FCC89E



7BE1F2



FFBDCF

Square

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



7BE1F2



DCC9FF



FFC0B2



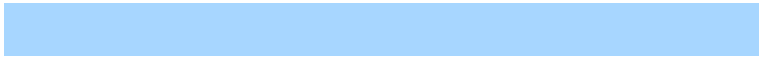
C3DAA2

Rectangle

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



7BE1F2



A7D6FF



FFC0B2



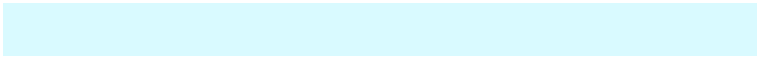
ECCE99

Sweetspot

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



7BE1F2



D9FAFF



7BF28B



697C80



000000



808080

Same Dimension

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



7BE1F2



69EAFB



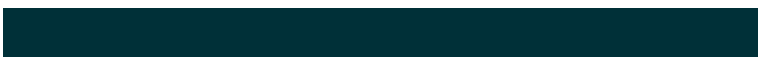
7BA7F2



6C7678



009DB8



003038

Inverse Universe

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



F27BE1



FF69EA



F2C67B



786C76



B8009D



380030

Previews

White Background



This preview shows how the Hex color 7BE1F2 looks on a white background.

Color Contrast Check

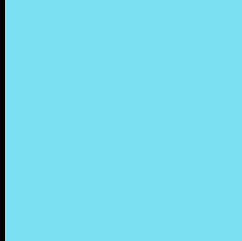
Large Text (above 18pt) WCAG AA × Fail

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 7BE1F2 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

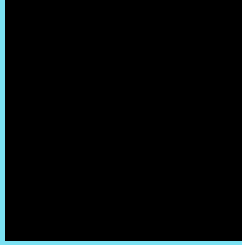
Any Text WCAG AA ✓ Pass

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 7BE1F2 Background



This preview shows how black text looks on a background with the Hex color 7BE1F2.

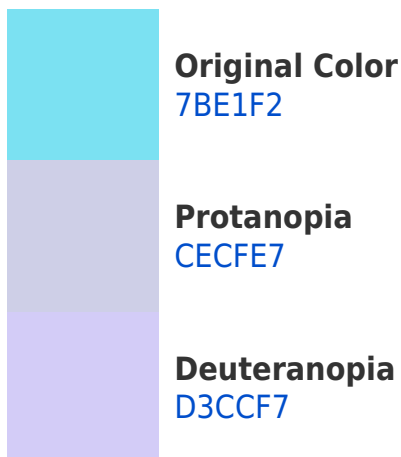


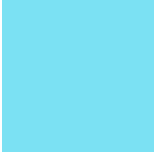
This preview shows how white text looks on a background with the Hex color 7BE1F2.

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](#).

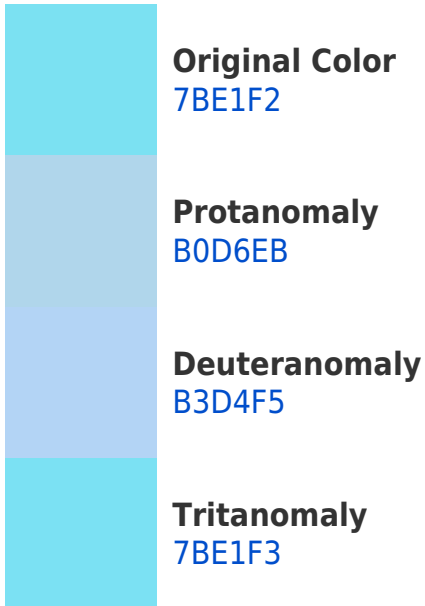
Dichromacy



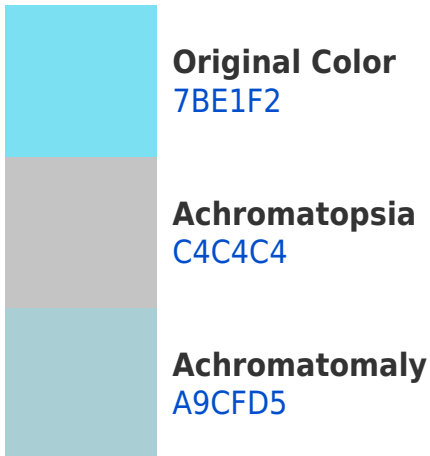


Tritanopia
7BE1F3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7BE1F2 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 #7BE1F2 looks like.

```
.text, #text, p{  
    color:#7BE1F2  
}
```

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 #7BE1F2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7BE1F2
}
```

Border

The CSS property to change the border of an element to Hex 7BE1F2 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
#7BE1F2 }
```

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

```
.border{ border-color:#7BE1F2 }
```

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

Here you see how a box with a 4 pixel #7BE1F2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7BE1F2; -webkit-box-shadow:4px 4px  
4px 4px #7BE1F2; box-shadow:4px 4px 4px  
4px #7BE1F2 }
```

Background

The CSS property to change the background color of an element to Hex 7BE1F2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7BE1F2 }
```

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

```
.background{ background-color:#7BE1F2 }
```

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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