

Converting Colors

Hex(6BE2F7)

Have a look what the booklet for
Hex(6BE2F7) contains.

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Color

Hex(6BE2F7)

Conversions

Conversions Part 1

Format	Color
Hex	6BE2F7
RGB	107, 226, 247
RGB Percent	42%, 89%, 97%
CMY	0.5804, 0.1137, 0.0314
CMYK	0.57, 0.09, 0.00, 0.03
HSL	189°, 90%, 69%
HSV	189°, 57%, 97%
XYZ	50.0483, 64.2339, 97.7563
YIQ	192.8130, -77.6650, -18.6970

Conversions

Conversions Part 2

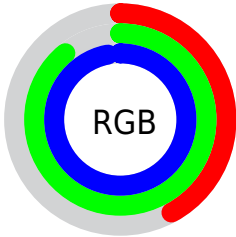
Format	Color
RYB	107, 171, 247
Decimal	7070455
CIELab	84.09, -27.65, -20.38
CIELCh	84, 34.351, 216.384
Yxy	64.2339, 0.2360, 0.3029
Android (android.graphics.Color)	4285260535 (0xFF6BE2F7)
YUV	192.8130, 26.7142, -75.2580
Hunter-Lab	80.1461, -28.7889, -16.2153

Details

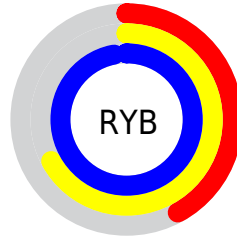
The Hex color **6BE2F7** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **F7806B**, and the grayscale version is **C1C1C1**.

A 20% lighter version of the original color is **A9FFFF**, and **1EAABF** is the 20% darker color. If you saturate the color by 10%, you get **52DEF7**, and if you desaturate by 10%, it is **84E6F7**.

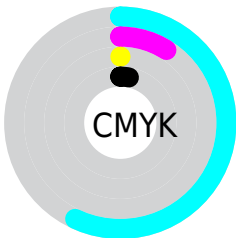
Distribution



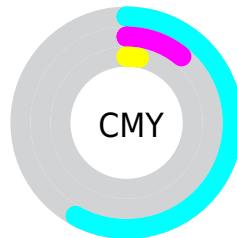
- Red (42%)
- Green (89%)
- Blue (97%)



- Red (42%)
- Yellow (67%)
- Blue (97%)



- Cyan (57%)
- Magenta (9%)
- Yellow (0%)
- Black (3%)



- Cyan (58%)
- Magenta (11%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6BE2F7 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 6BE2F7 by changing the saturation by 10% instead.

 6BE2F7

 6BE2F7

FFFFFF

 4AC6DA

 A9FFFF

 1EAABF

 C7FFFF

 0090A4

 E5FFFF

 007689

 005D70

 004557

 002E40

 00192A

 000115

6BE2F7

6BE2F7

52DEF7

84E6F7

3ADB F7

9CE9 F7

21D7 F7

B5ED F7

08D3 F7

CE F1 F7

00D2 F7

E7 F5 F7

FFF8 F7

FFFC F7

FFFF F7

Harmonies

Analogous

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



77E4D8



6BE2F7



84DCFF

Triad

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



6BE2F7



FFBDEC



E2D291

Complementary

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



6BE2F7



F7806B

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.



FFC797



6BE2F7



FFBACC

Square

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



6BE2F7



DFC7FF



FFBEAD



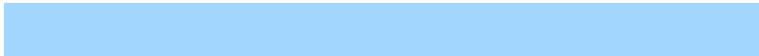
BEDB9D

Rectangle

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



6BE2F7



A2D6FF



FFBEAD



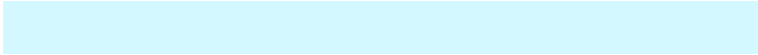
ECCE91

Sweetspot

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



6BE2F7



D4F8FF



6BF780



667C80



000000



808080

Same Dimension

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



6BE2F7



52E5FF



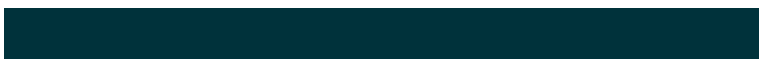
6B9CF7



6E797A



009EBA



00323B

Inverse Universe

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



F76BE2



FF52E5



F7C66B



7A6E79



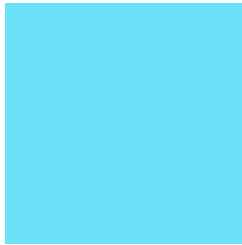
BA009E



3B0032

Previews

White Background



This preview shows how the Hex color 6BE2F7 looks on a white background.

Color Contrast Check

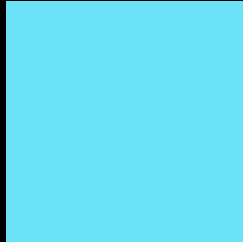
Large Text (above 18pt) WCAG AA × Fail

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 6BE2F7 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 6BE2F7 Background



This preview shows how black text looks on a background with the Hex color 6BE2F7.

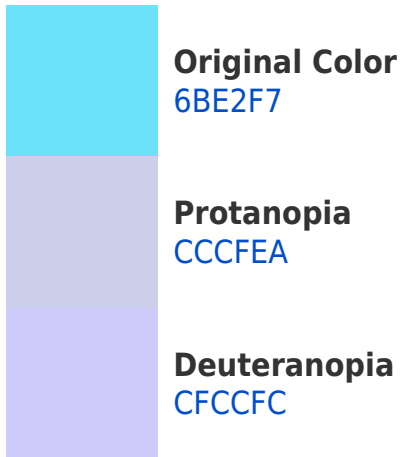


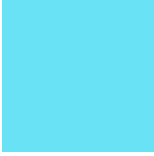
This preview shows how white text looks on a background with the Hex color 6BE2F7.

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



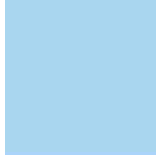


Tritanopia
6AE2F5

Trichromacy



Original Color
6BE2F7



Protanomaly
A9D6EF



Deuteranomaly
ABD4FA

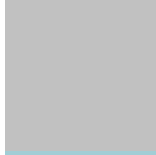


Tritanomaly
6AE2F6

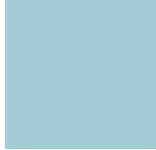
Monochromacy



Original Color
6BE2F7



Achromatopsia
C1C1C1



Achromatomaly
A2CDD5

CSS Examples

Text

The CSS property to change the color of the text to Hex 6BE2F7 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 #6BE2F7 looks like.

```
.text, #text, p{  
    color:#6BE2F7  
}
```

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 #6BE2F7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6BE2F7
}
```

Border

The CSS property to change the border of an element to Hex 6BE2F7 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
#6BE2F7 }
```

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

```
.border{ border-color:#6BE2F7 }
```

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

Here you see how a box with a 4 pixel #6BE2F7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6BE2F7; -webkit-box-shadow:4px 4px  
4px 4px #6BE2F7; box-shadow:4px 4px 4px  
4px #6BE2F7 }
```

Background

The CSS property to change the background color of an element to Hex 6BE2F7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6BE2F7 }
```

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

```
.background{ background-color:#6BE2F7 }
```

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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