

Converting Colors

Hex(BEACF6)

Have a look what the booklet for
Hex(BEACF6) contains.

Hex(BEACF6)	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(BEACF6)

Conversions

Conversions Part 1

Format	Color
Hex	BEACF6
RGB	190, 172, 246
RGB Percent	75%, 67%, 96%
CMY	0.2549, 0.3255, 0.0353
CMYK	0.23, 0.30, 0.00, 0.04
HSL	255°, 80%, 82%
HSV	255°, 30%, 96%
XYZ	52.6223, 47.1060, 93.5077
YIQ	185.8180, -13.0260, 26.8300

Conversions

Conversions Part 2

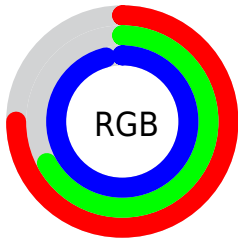
Format	Color
R _Y B	190, 172, 246
Decimal	12496118
CIE Lab	74.26, 21.52, -34.49
CIE LCh	74, 40.653, 301.966
Yxy	47.1060, 0.2723, 0.2438
Android (android.graphics.Color)	4290686198 (0xFFBEACF6)
YUV	185.8180, 29.6697, 3.6676
Hunter-Lab	68.6338, 16.7487, -32.7338

Details

The Hex color **BEACF6** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **E4F6AC**, and the grayscale version is **BABABA**.

A 20% lighter version of the original color is **F7E3FF**, and **8778BD** is the 20% darker color. If you saturate the color by 10%, you get **AB93F6**, and if you desaturate by 10%, it is **D1C5F6**.

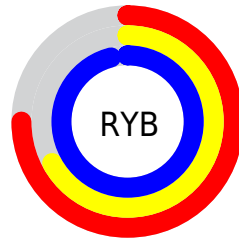
Distribution



Red (75%)

Green (67%)

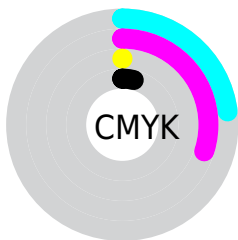
Blue (96%)



Red (75%)

Yellow (67%)

Blue (96%)

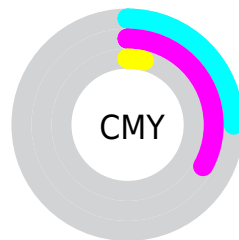


Cyan (23%)

Magenta (30%)

Yellow (0%)

Black (4%)



Cyan (25%)

Magenta (33%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Hex color BEACF6 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 BEACF6 by changing the saturation by 10% instead.


 BEACF6

FFFFFF

 F7E3FF

 BEACF6

 A291D9

 8778BD

 6D5FA2

 534788

 3A306E

 211B55

 06043E

 000327

 000111

 BEACF6

 BEACF6

 AB93F6

 D1C5F6

 997BF6


 E3DDF6

 8662F6

 F6F6F6

 744AF6

 FFFFF6

 6131F6

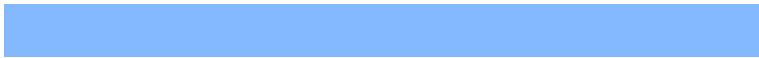
 4E18F6

 3C00F6

Harmonies

Analogous

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



84B9FF



BEACF6



E89FDA

Triad

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



BEACF6



EBA876



43CAB8

Complementary

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



BEACF6



E4F6AC

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.



78C792



BEACF6



CDB56B

Square

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



BEACF6



FD9D91



A5C076



00C9DD

Rectangle

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



BEACF6



F89AC2



A5C076



56CAAB

Sweetspot

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



BEACF6



EEE8FF



ACE5F6



757180



000000



808080

Same Dimension

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



BEACF6



BAA3FF



E2ACF6



716E7A



2D00BA



0E003B

Inverse Universe

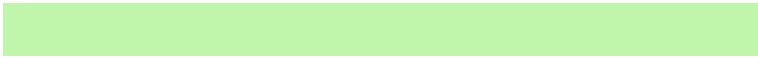
The Inverse Universe completely reimagines the original color for something new.



F6ACE4



FFA3E9



C0F6AC



7A6E77



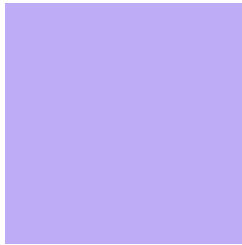
BA008D



3B002C

Previews

White Background



This preview shows how the Hex color BEACF6 looks on a white background.

Color Contrast Check

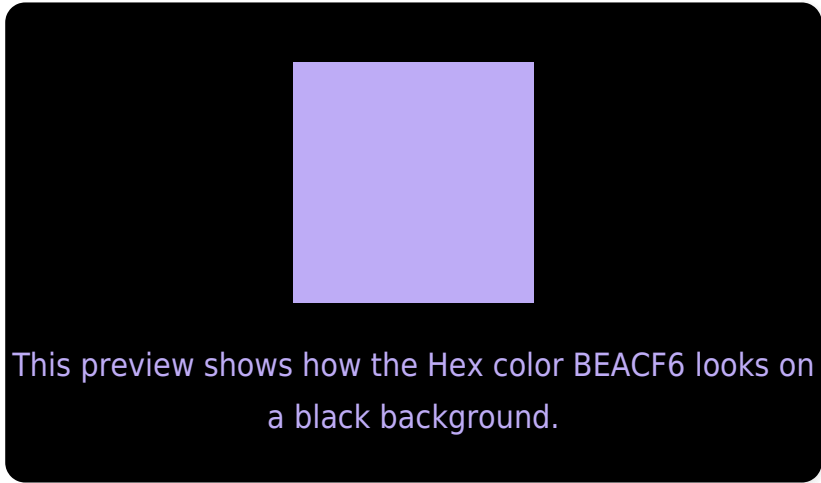
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

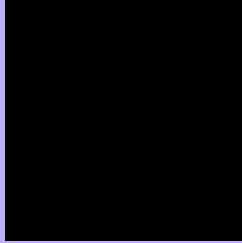
Any Text WCAG AA ✓ Pass

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 BEACF6 Background



This preview shows how black text looks on a background with the Hex color BEACF6.



This preview shows how white text looks on a background with the Hex color BEACF6.

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
BEACF6

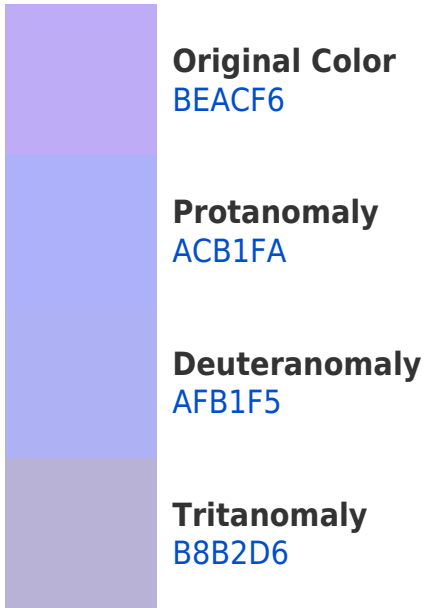
Protanopia
A1B4FC

Deuteranopia
A6B4F4

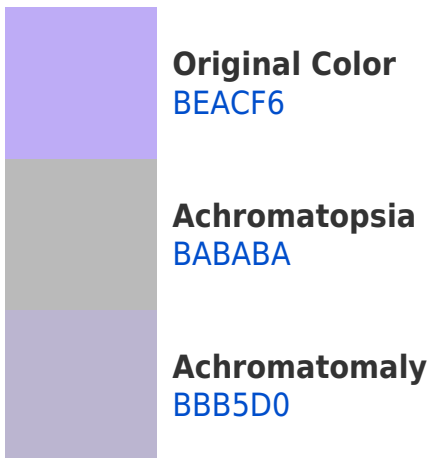


Tritanopia
B5B6C4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex BEACF6 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 #BEACF6 looks like.

```
.text, #text, p{  
    color:#BEACF6  
}
```

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 #BEACF6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BEACF6  
}
```

Border

The CSS property to change the border of an element to Hex BEACF6 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  
#BEACF6 }
```

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

```
.border{ border-color:#BEACF6 }
```

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

Here you see how a box with a 4 pixel #BEACF6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BEACF6; -webkit-box-shadow:4px 4px  
4px 4px #BEACF6; box-shadow:4px 4px 4px  
4px #BEACF6 }
```

Background

The CSS property to change the background color of an element to Hex BEACF6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BEACF6 }
```

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

```
.background{ background-color:#BEACF6 }
```

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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