

Converting Colors

Hex(306BEA)

Have a look what the booklet for
Hex(306BEA) contains.

Hex(306BEA)	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(306BEA)

Conversions

Conversions Part 1

Format	Color
Hex	306BEA
RGB	48, 107, 234
RGB Percent	19%, 42%, 92%
CMY	0.8118, 0.5804, 0.0824
CMYK	0.79, 0.54, 0.00, 0.08
HSL	221°, 82%, 55%
HSV	221°, 79%, 92%
XYZ	21.3279, 17.0843, 80.0154
YIQ	103.8370, -75.9310, 26.9890

Conversions

Conversions Part 2

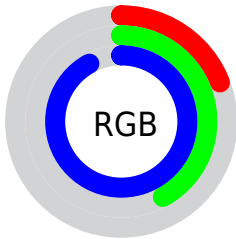
Format	Color
RYB	48, 93, 234
Decimal	3173354
CIELab	48.37, 26.40, -69.51
CIELCh	48, 74.350, 290.795
Yxy	17.0843, 0.1801, 0.1443
Android (android.graphics.Color)	4281363434 (0xFF306BEA)
YUV	103.8370, 64.1704, -48.9690
Hunter-Lab	41.3331, 19.7730, -85.8443

Details

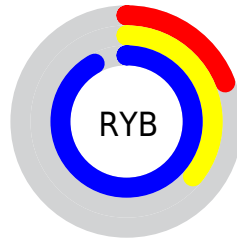
The Hex color **306BEA** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark washed azure. A complement of this color would be **EAAF30**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **7B9EFF**, and **003DB1** is the 20% darker color. If you saturate the color by 10%, you get **195BEA**, and if you desaturate by 10%, it is **477BEA**.

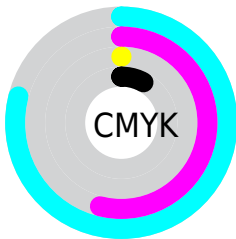
Distribution



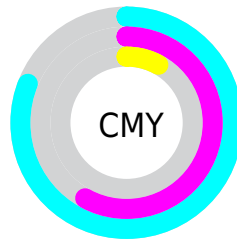
- Red (19%)
- Green (42%)
- Blue (92%)



- Red (19%)
- Yellow (36%)
- Blue (92%)



- Cyan (79%)
- Magenta (54%)
- Yellow (0%)
- Black (8%)



- Cyan (81%)
- Magenta (58%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Hex color 306BEA 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 306BEA by changing the saturation by 10% instead.

 306BEA

 306BEA

FFFFFF

 0053CD

 7B9EFF

 003DB1

 9AB8FF

 002896

 BAD4FF


 00177B

 D9F0FF

 000161

 F8FFFF

 000949

 000431

 00011B

 000000

■ 306BEA

■ 306BEA

■ 195BEA

■ 477BEA

■ 014BEA

■ 5F8BEA

■ 004AEA

■ 769BEA

■ 8EABEA

■ A5BBEA

■ BCCBEA

■ D4DBEA

■ EBEBEA

■ FFFBEA

Harmonies

Analogous

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



0081F0



306BEA



A948C3

Triad

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



306BEA



C74B05



008C5D

Complementary

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



306BEA



EAAF30

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.



008715



306BEA



9C6900

Square

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



306BEA



DD224B



627D00



008E9E

Rectangle

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



306BEA



CC2C9E



627D00



008B46

Sweetspot

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



306BEA



C2D5FF



30EAAC



5B6680



000000



808080

Same Dimension

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



306BEA



0D5AFF



4F30EA



6A6D75



0039B5



001136

Inverse Universe

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



EA306B



FF0D5A



CBEA30



756A6D



B50039



360011

Previews

White Background



This preview shows how the Hex color 306BEA looks on a white background.

Color Contrast Check

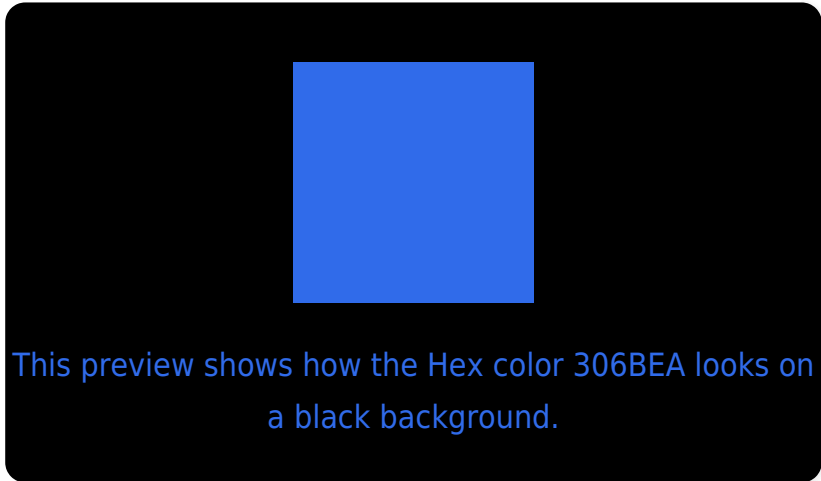
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 306BEA Background



This preview shows how black text looks on a background with the Hex color 306BEA.

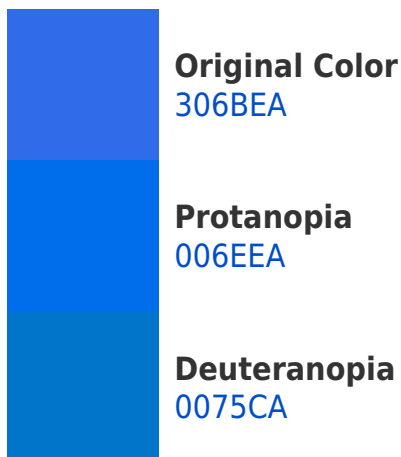


This preview shows how white text looks on a background with the Hex color 306BEA.

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](#).

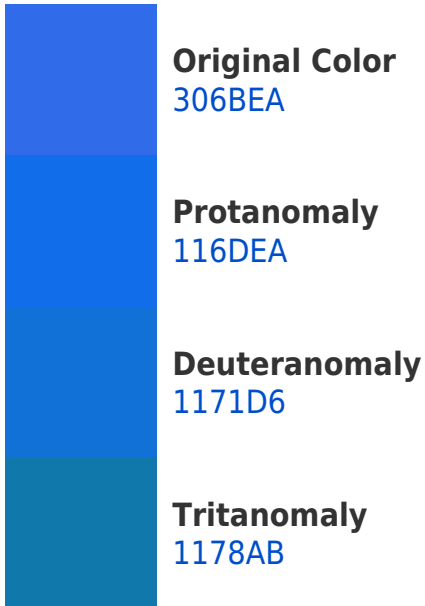
Dichromacy





Tritanopia
007F87

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 306BEA 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 #306BEA looks like.

```
.text, #text, p{  
    color:#306BEA  
}
```

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 #306BEA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #306BEA
}
```

Border

The CSS property to change the border of an element to Hex 306BEA 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
#306BEA }
```

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

```
.border{ border-color:#306BEA }
```

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

Here you see how a box with a 4 pixel #306BEA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #306BEA; -webkit-box-shadow:4px 4px  
4px 4px #306BEA; box-shadow:4px 4px 4px  
4px #306BEA }
```

Background

The CSS property to change the background color of an element to Hex 306BEA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#306BEA }
```

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

```
.background{ background-color:#306BEA }
```

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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