

Converting Colors

Hex(306BE1)

Have a look what the booklet for
Hex(306BE1) contains.

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Color

Hex(306BE1)

Conversions

Conversions Part 1

Format	Color
Hex	306BE1
RGB	48, 107, 225
RGB Percent	19%, 42%, 88%
CMY	0.8118, 0.5804, 0.1176
CMYK	0.79, 0.52, 0.00, 0.12
HSL	220°, 75%, 54%
HSV	220°, 79%, 88%
XYZ	20.0672, 16.5800, 73.3768
YIQ	102.8110, -73.0420, 24.1900

Conversions

Conversions Part 2

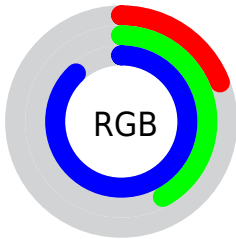
Format	Color
R _Y B	48, 92, 225
Decimal	3173345
CIE Lab	47.73, 23.05, -65.47
CIE LCh	48, 69.410, 289.391
Yxy	16.5800, 0.1824, 0.1507
Android (android.graphics.Color)	4281363425 (0xFF306BE1)
YUV	102.8110, 60.2392, -48.0692
Hunter-Lab	40.7186, 16.7122, -78.3404

Details

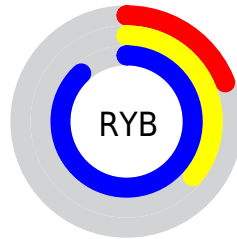
The Hex color **306BE1** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark washed azure. A complement of this color would be **E1A630**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **799EFF**, and **003DA9** is the 20% darker color. If you saturate the color by 10%, you get **1A5CE1**, and if you desaturate by 10%, it is **477AE1**.

Distribution



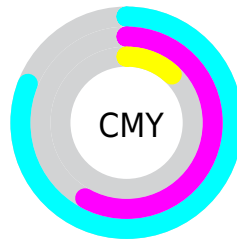
- Red (19%)
- Green (42%)
- Blue (88%)



- Red (19%)
- Yellow (36%)
- Blue (88%)



- Cyan (79%)
- Magenta (52%)
- Yellow (0%)
- Black (12%)



- Cyan (81%)
- Magenta (58%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Hex color 306BE1 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 306BE1 by changing the saturation by 10% instead.

 306BE1

 306BE1

FFFFFF

 0053C5

 799EFF

 003DA9

 98B8FF

 00288E

 B7D4FF

 001773


 D5F0FF

 00035A

 F4FFFF

 000741

 00032A

 000115

 000000

■ 306BE1

■ 306BE1

■ 1A5CE1

■ 477AE1

■ 034DE1

■ 5D89E1

■ 004BE1

■ 7498E1

■ 8AA7E1

■ A1B6E1

■ B7C5E1

■ CED4E1

■ E4E3E1

■ FBF2E1

Harmonies

Analogous

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



007FE5



306BE1



A14DBE

Triad

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



306BE1



C24B14



00895A

Complementary

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



306BE1



E1A630

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.



008419



306BE1



9B6700

Square

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



306BE1



D62C4E



667A00



008B97

Rectangle

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



306BE1



C3359C



667A00



008845

Sweetspot

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



306BE1



C2D6FF



30E1A6



5B6780



000000



808080

Same Dimension

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



306BE1



0F5FFF



4D30E1



656970



003BB0



001030

Inverse Universe

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



E1306B



FF0F5F



C3E130



706569



B0003B



300010

Previews

White Background



This preview shows how the Hex color 306BE1 looks on a white background.

Color Contrast Check

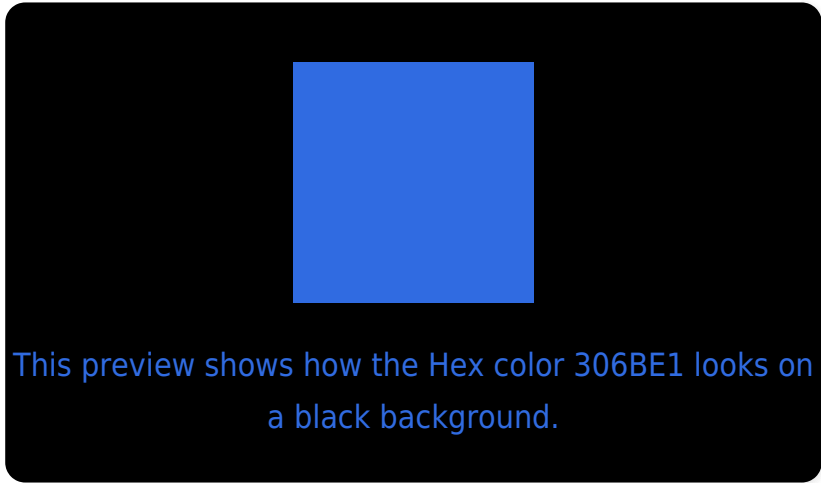
Large Text (above 18pt) WCAG AA ✓ Pass

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

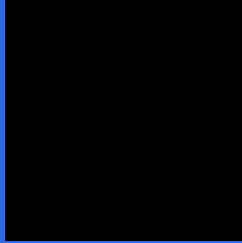
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

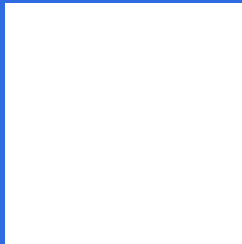
Any Text WCAG AAA × Fail

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

Hex 306BE1 Background



This preview shows how black text looks on a background with the Hex color 306BE1.



This preview shows how white text looks on a background with the Hex color 306BE1.

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
007D86

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 306BE1 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 #306BE1 looks like.

```
.text, #text, p{  
    color:#306BE1  
}
```

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 #306BE1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #306BE1
}
```

Border

The CSS property to change the border of an element to Hex 306BE1 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
#306BE1 }
```

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

```
.border{ border-color:#306BE1 }
```

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

Here you see how a box with a 4 pixel #306BE1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #306BE1; -webkit-box-shadow:4px 4px  
4px 4px #306BE1; box-shadow:4px 4px 4px  
4px #306BE1 }
```

Background

The CSS property to change the background color of an element to Hex 306BE1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#306BE1 }
```

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

```
.background{ background-color:#306BE1 }
```

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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