

Converting Colors

Hex(306CA2)

Have a look what the booklet for
Hex(306CA2) contains.

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Color

Hex(306CA2)

Conversions

Conversions Part 1

Format	Color
Hex	306CA2
RGB	48, 108, 162
RGB Percent	19%, 42%, 64%
CMY	0.8118, 0.5765, 0.3647
CMYK	0.70, 0.33, 0.00, 0.36
HSL	208°, 54%, 41%
HSV	208°, 70%, 64%
XYZ	13.1031, 13.9621, 36.1868
YIQ	96.2160, -53.0940, 4.0740

Conversions

Conversions Part 2

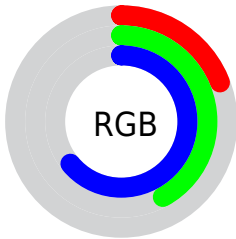
Format	Color
R_{YB}	48, 87, 162
Decimal	3173538
CIE _{Lab}	44.18, -1.10, -34.78
CIE _{LCh}	44, 34.796, 268.195
Yxy	13.9621, 0.2072, 0.2207
Android (android.graphics.Color)	4281363618 (0xFF306CA2)
YUV	96.2160, 32.4315, -42.2854
Hunter-Lab	37.3659, -2.7960, -31.2628

Details

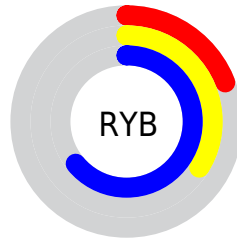
The Hex color **306CA2** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **A26630**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **6B9FD9**, and **003D6E** is the 20% darker color. If you saturate the color by 10%, you get **2064A2**, and if you desaturate by 10%, it is **4074A2**.

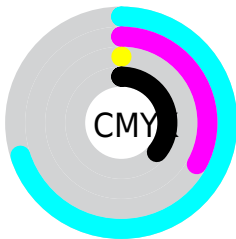
Distribution



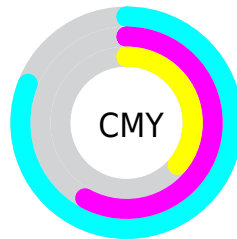
- Red (19%)
- Green (42%)
- Blue (64%)



- Red (19%)
- Yellow (34%)
- Blue (64%)



- Cyan (70%)
- Magenta (33%)
- Yellow (0%)
- Black (36%)



- Cyan (81%)
- Magenta (58%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 306CA2 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 306CA2 by changing the saturation by 10% instead.

 306CA2  306CA2

FFFFFF  005488

 6B9FD9  003D6E

 88BAF6  002855

 A4D6FF  00133E

 C1F2FF  000327

 DEFFF

 000111

 FCFFF  000000

 306CA2  306CA2

 2064A2  4074A2

■ 105DA2

■ 507BA2

■ 0055A2

■ 6183A2

■ 718BA2

■ 8192A2

■ 919AA2

■ A1A2A2

■ B2A9A2

■ C2B1A2

Harmonies

Analogous

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



007399



306CA2



68629B

Triad

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



306CA2



9E534F



3A7449

Complementary

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



306CA2



A26630

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.



5E6F34



306CA2



925C38

Square

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



306CA2



9C506B



7B662D



007766

Rectangle

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



306CA2



815A8F



7B662D



477341

Sweetspot

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



306CA2



A7BFD4



30A265



505E6B



EBEBEB



6B6B6B

Same Dimension

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



306CA2



227FD4



3034A2



494E52



004C91



000912

Inverse Universe

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



A2306C



D4227F



A29E30



52494E



91004C



120009

Previews

White Background



This preview shows how the Hex color 306CA2 looks on a white background.

Color Contrast Check

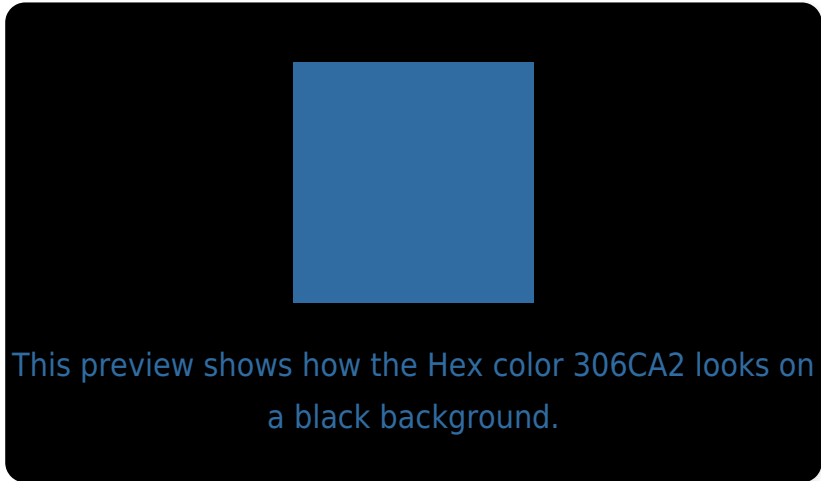
Large Text (above 18pt) WCAG AA ✓ Pass

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

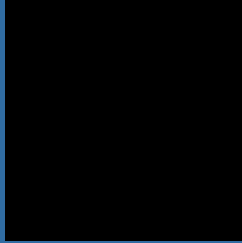
Any Text WCAG AA × Fail

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 306CA2 Background



This preview shows how black text looks on a background with the Hex color 306CA2.

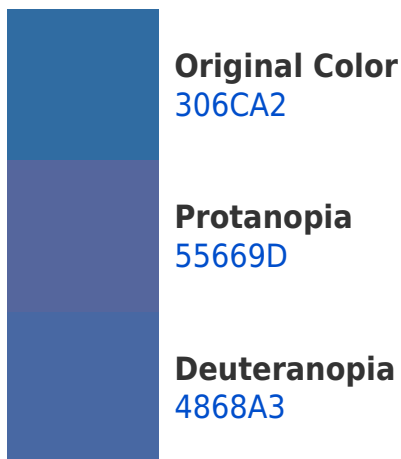


This preview shows how white text looks on a background with the Hex color 306CA2.

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](#).

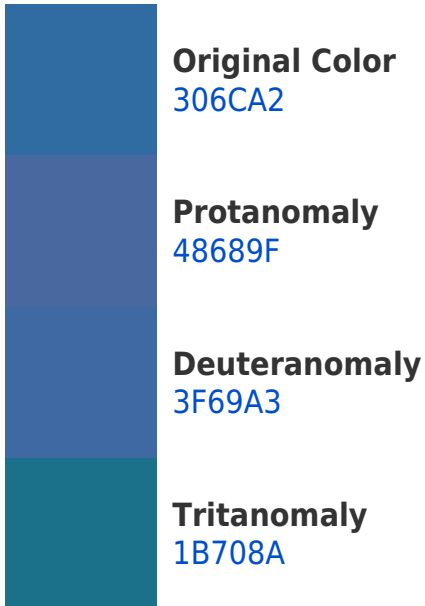
Dichromacy



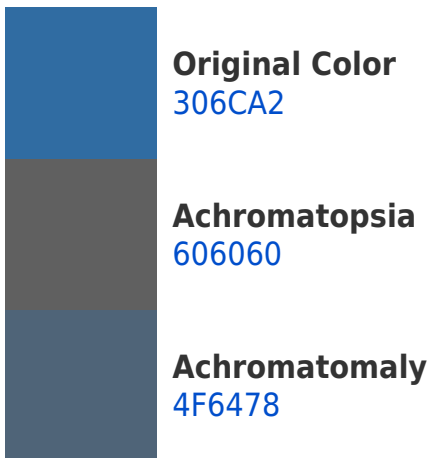


Tritanopia
0F737D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 306CA2 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 #306CA2 looks like.

```
.text, #text, p{  
    color:#306CA2  
}
```

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 #306CA2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #306CA2
}
```

Border

The CSS property to change the border of an element to Hex 306CA2 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
#306CA2 }
```

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

```
.border{ border-color:#306CA2 }
```

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

Here you see how a box with a 4 pixel #306CA2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #306CA2; -webkit-box-shadow:4px 4px  
4px 4px #306CA2; box-shadow:4px 4px 4px  
4px #306CA2 }
```

Background

The CSS property to change the background color of an element to Hex 306CA2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#306CA2 }
```

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

```
.background{ background-color:#306CA2 }
```

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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