

Converting Colors

Hex(305DA0)

Have a look what the booklet for
Hex(305DA0) contains.

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Color

Hex(305DA0)

Conversions

Conversions Part 1

Format	Color
Hex	305DA0
RGB	48, 93, 160
RGB Percent	19%, 36%, 63%
CMY	0.8118, 0.6353, 0.3725
CMYK	0.70, 0.42, 0.00, 0.37
HSL	216°, 54%, 41%
HSV	216°, 70%, 63%
XYZ	11.4784, 10.9951, 34.7750
YIQ	87.1830, -48.3270, 11.2970

Conversions

Conversions Part 2

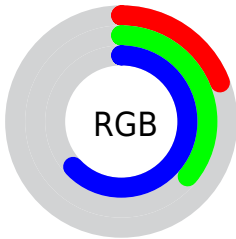
Format	Color
R_{YB}	48, 80, 160
Decimal	3169696
CIE _{Lab}	39.57, 7.61, -40.90
CIE _{LCh}	40, 41.597, 280.540
Yxy	10.9951, 0.2005, 0.1921
Android (android.graphics.Color)	4281359776 (0xFF305DA0)
YUV	87.1830, 35.8988, -34.3635
Hunter-Lab	33.1589, 3.7622, -38.9684

Details

The Hex color **305DA0** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **A07330**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **6B8FD7**, and **00306C** is the 20% darker color. If you saturate the color by 10%, you get **2053A0**, and if you desaturate by 10%, it is **4067A0**.

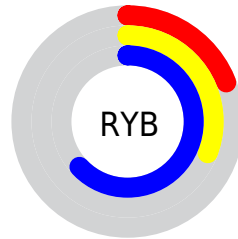
Distribution



Red (19%)

Green (36%)

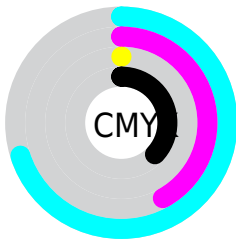
Blue (63%)



Red (19%)

Yellow (31%)

Blue (63%)

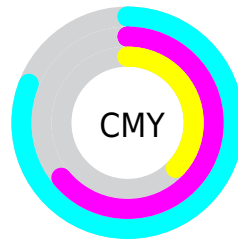


Cyan (70%)

Magenta (42%)

Yellow (0%)

Black (37%)



Cyan (81%)

Magenta (64%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Hex color 305DA0 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 305DA0 by changing the saturation by 10% instead.

■ 305DA0

■ 305DA0

FFFFFF

■ 014686

■ 6B8FD7

■ 00306C

■ 87A9F4

■ 001C53

■ A4C4FF

■ 00013C

■ C0E0FF

■ 000225

■ DEFDFE

■ 00010D

■ FBFFFF

■ 000000

■ 305DA0

■ 305DA0

■ 2053A0

■ 4067A0

■ 104AA0

■ 5070A0

■ 0040A0

■ 607AA0

■ 7083A0

■ 808DA0

■ 9096A0

■ A0A0A0

■ B0AAA0

■ C0B3A0

Harmonies

Analogous

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



00679D



305DA0



6E4F91

Triad

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



305DA0



954633



006C45

Complementary

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



305DA0



A07330

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.



3F6826



305DA0



81531A

Square

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



305DA0



9B3E53



645F13



006E69

Rectangle

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



305DA0



87467F



645F13



186B3A

Sweetspot

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



305DA0



A5B7D1



30A071



4E5969



E8E8E8



696969

Same Dimension

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



305DA0



2168D1



3930A0



474A4F



00398F



00060F

Inverse Universe

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



A0305D



D12168



97A030



4F474A



8F0039



0F0006

Previews

White Background



This preview shows how the Hex color 305DA0 looks on a white background.

Color Contrast Check

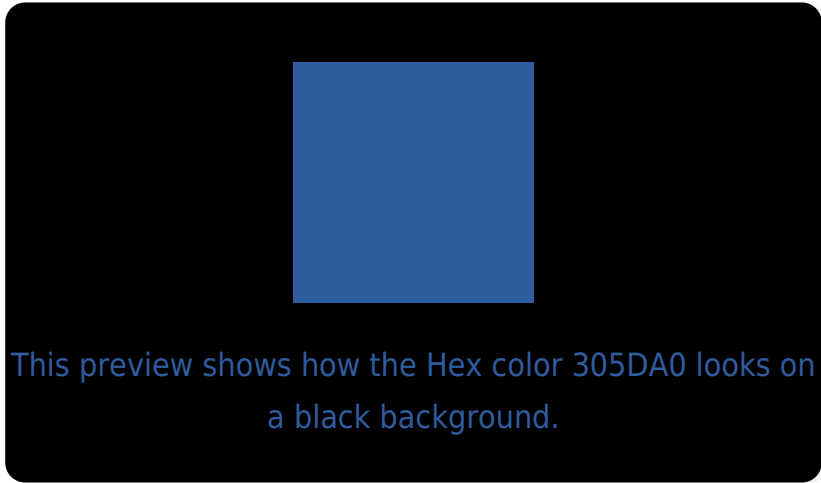
Large Text (above 18pt) WCAG AA ✓ Pass

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 305DA0 Background



This preview shows how black text looks on a background with the Hex color 305DA0.

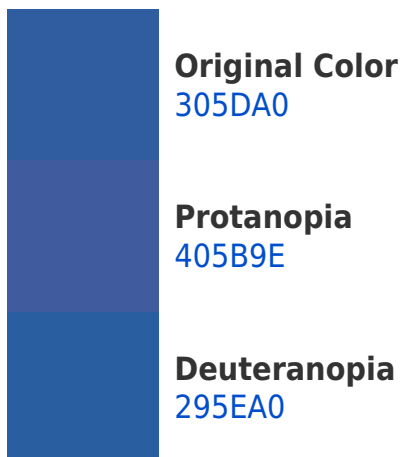


This preview shows how white text looks on a background with the Hex color 305DA0.

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](#).

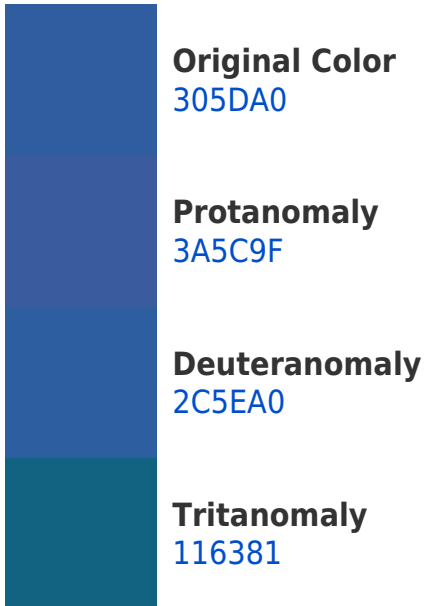
Dichromacy



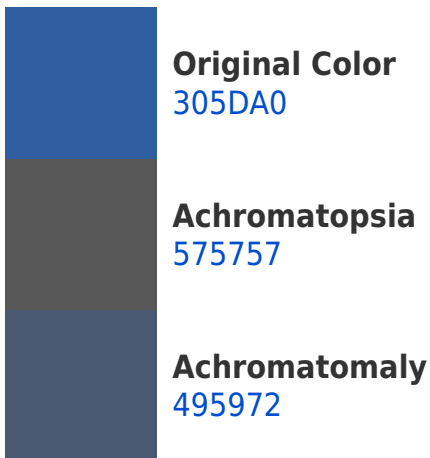


Tritanopia
00676F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 305DA0 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 #305DA0 looks like.

```
.text, #text, p{  
    color:#305DA0  
}
```

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 #305DA0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #305DA0  
}
```

Border

The CSS property to change the border of an element to Hex 305DA0 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  
#305DA0 }
```

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

```
.border{ border-color:#305DA0 }
```

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

Here you see how a box with a 4 pixel #305DA0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #305DA0; -webkit-box-shadow:4px 4px  
4px 4px #305DA0; box-shadow:4px 4px 4px  
4px #305DA0 }
```

Background

The CSS property to change the background color of an element to Hex 305DA0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#305DA0 }
```

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

```
.background{ background-color:#305DA0 }
```

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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