

Converting Colors

Hex(305FAA)

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

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Color

Hex(305FAA)

Conversions

Conversions Part 1

Format	Color
Hex	305FAA
RGB	48, 95, 170
RGB Percent	19%, 37%, 67%
CMY	0.8118, 0.6275, 0.3333
CMYK	0.72, 0.44, 0.00, 0.33
HSL	217°, 56%, 43%
HSV	217°, 72%, 67%
XYZ	12.5668, 11.7151, 39.6291
YIQ	89.4970, -52.0870, 13.3610

Conversions

Conversions Part 2

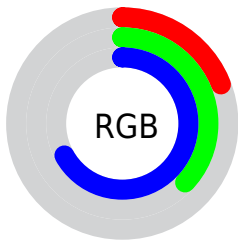
Format	Color
R_{YB}	48, 82, 170
Decimal	3170218
CIE _{Lab}	40.76, 10.07, -44.93
CIE _{LCh}	41, 46.048, 282.629
Yxy	11.7151, 0.1966, 0.1833
Android (android.graphics.Color)	4281360298 (0xFF305FAA)
YUV	89.4970, 39.6880, -36.3929
Hunter-Lab	34.2273, 5.6400, -44.6881

Details

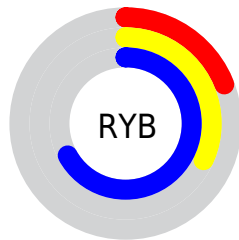
The Hex color **305FAA** is a dark color, and the websafe version is hex **0066CC**. A complement of this color would be **AA7B30**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **6D91E2**, and **003275** is the 20% darker color. If you saturate the color by 10%, you get **1F55AA**, and if you desaturate by 10%, it is **4169AA**.

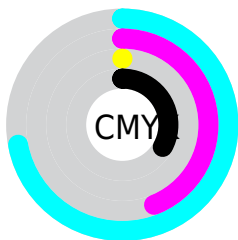
Distribution



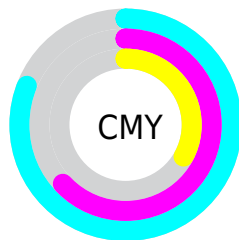
- Red (19%)
- Green (37%)
- Blue (67%)



- Red (19%)
- Yellow (32%)
- Blue (67%)



- Cyan (72%)
- Magenta (44%)
- Yellow (0%)
- Black (33%)



- Cyan (81%)
- Magenta (63%)
- Yellow (33%)

Brightness & Saturation Gradients

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

■ 305FAA

■ 305FAA

FFFFFF

■ 00488F

■ 6D91E2

■ 003275

■ 8AABFF

■ 001E5C

■ A6C7FF

■ 000244

■ C4E2FF

■ 00032D

■ E1FFFF

■ 000117

■ 000000

■ 305FAA

■ 305FAA

■ 1F55AA

■ 4169AA

■ 0E4AAA

■ 5274AA

■ 0041AA

■ 637EAA

■ 7489AA

■ 8593AA

■ 969EAA

■ A7A8AA

■ B8B3AA

■ C9BDAA

Harmonies

Analogous

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



006AA8



305FAA



764F98

Triad

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



305FAA



9C472F



007048

Complementary

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



305FAA



AA7B30

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.



3A6C24



305FAA



855612

Square

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



305FAA



A43C52



64630A



00726F

Rectangle

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



305FAA



904483



64630A



006F3C

Sweetspot

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



305FAA



ADC0DE



30AA79



535E70



F0F0F0



707070

Same Dimension

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



305FAA



1F69DE



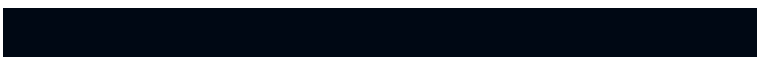
3C30AA



4C4F54



003994



000814

Inverse Universe

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



AA305F



DE1F69



9EAA30



544C4F



940039



140008

Previews

White Background



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

Color Contrast Check

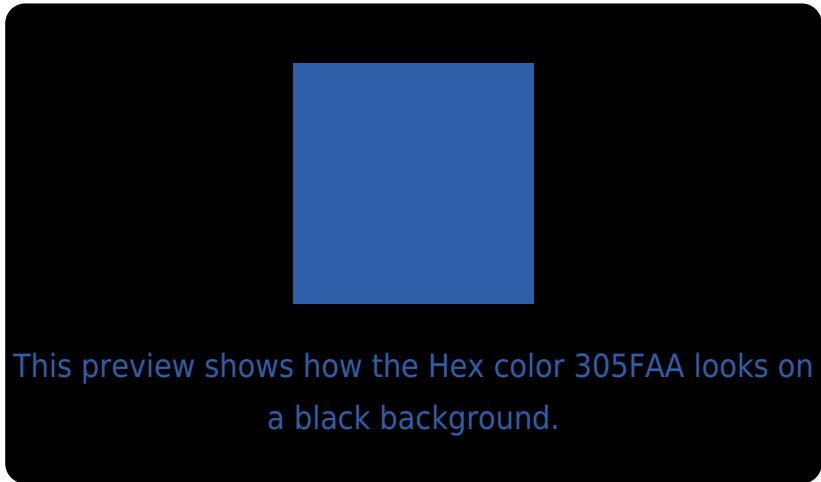
Large Text (above 18pt) WCAG AA ✓ Pass

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 305FAA Background



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

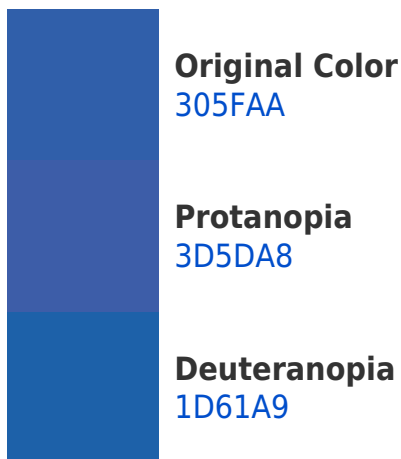


This preview shows how white text looks on a background with the Hex color 305FAA.

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](#).

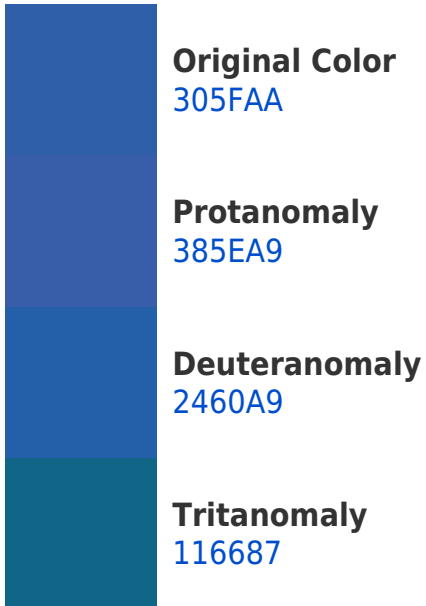
Dichromacy



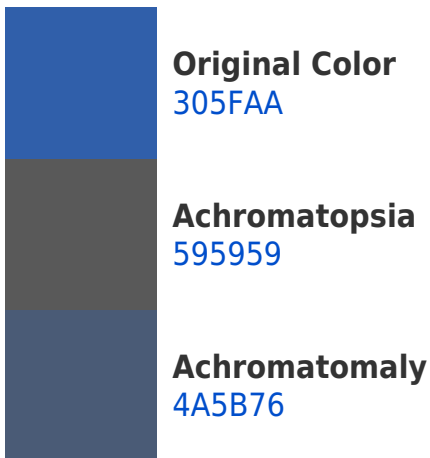


Tritanopia
006A73

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #305FAA colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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