

Converting Colors

Hex(307EB6)

Have a look what the booklet for
Hex(307EB6) contains.

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Color

Hex(307EB6)

Conversions

Conversions Part 1

Format	Color
Hex	307EB6
RGB	48, 126, 182
RGB Percent	19%, 49%, 71%
CMY	0.8118, 0.5059, 0.2863
CMYK	0.74, 0.31, 0.00, 0.29
HSL	205°, 58%, 45%
HSV	205°, 74%, 71%
XYZ	17.1233, 18.9275, 47.0068
YIQ	109.0620, -64.4640, 0.8800

Conversions

Conversions Part 2

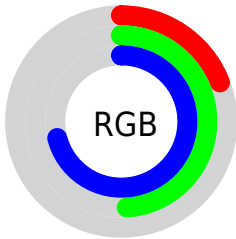
Format	Color
RYB	48, 97, 182
Decimal	3178166
CIELab	50.60, -4.69, -36.33
CIELCh	51, 36.627, 262.649
Yxy	18.9275, 0.2062, 0.2279
Android (android.graphics.Color)	4281368246 (0xFF307EB6)
YUV	109.0620, 35.9584, -53.5514
Hunter-Lab	43.5057, -5.8798, -33.6073

Details

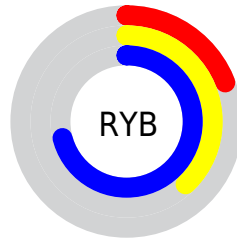
The Hex color **307EB6** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **B66830**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **6FB2EE**, and **004D81** is the 20% darker color. If you saturate the color by 10%, you get **1E76B6**, and if you desaturate by 10%, it is **4286B6**.

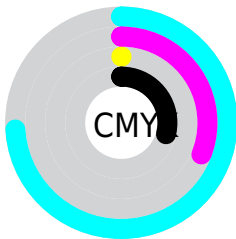
Distribution



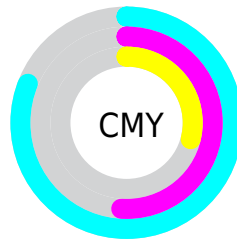
- Red (19%)
- Green (49%)
- Blue (71%)



- Red (19%)
- Yellow (38%)
- Blue (71%)



- Cyan (74%)
- Magenta (31%)
- Yellow (0%)
- Black (29%)



- Cyan (81%)
- Magenta (51%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 307EB6 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 307EB6 by changing the saturation by 10% instead.

■ 307EB6

■ 307EB6

FFFFFF

■ 00659B

■ 6FB2EE

■ 004D81

■ 8DCEFF

■ 003767

■ AAEAFF

■ 00224F

■ C7FFFF

■ 000938

■ E5FFFF

■ 000222

■ 000007

■ 000000

■ 307EB6

■ 307EB6

■ 1E76B6

■ 4286B6

■ 0C6FB6

■ 548DB6

■ 006AB6

■ 6795B6

■ 799CB6

■ 8BA4B6

■ 9DACB6

■ AFB3B6

■ C2BBB6

■ D4C2B6

Harmonies

Analogous

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



0085A9



307EB6



6F73B2

Triad

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



307EB6



B46062



4F8551

Complementary

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



307EB6



B66830

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.



747E3D



307EB6



A96948

Square

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



307EB6



AF5F81



927439



14886F

Rectangle

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



307EB6



8C6BA7



927439



5C8349

Sweetspot

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



307EB6



B9D7ED



30B668



596B78



F7F7F7



787878

Same Dimension

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



307EB6



1C96ED



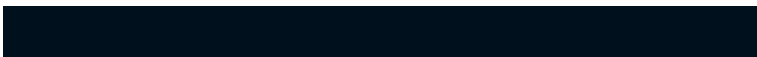
303BB6



53585C



005B9C



00101C

Inverse Universe

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



B6307E



ED1C96



B6AB30



5C5358



9C005B



1C0010

Previews

White Background



This preview shows how the Hex color 307EB6 looks on a white background.

Color Contrast Check

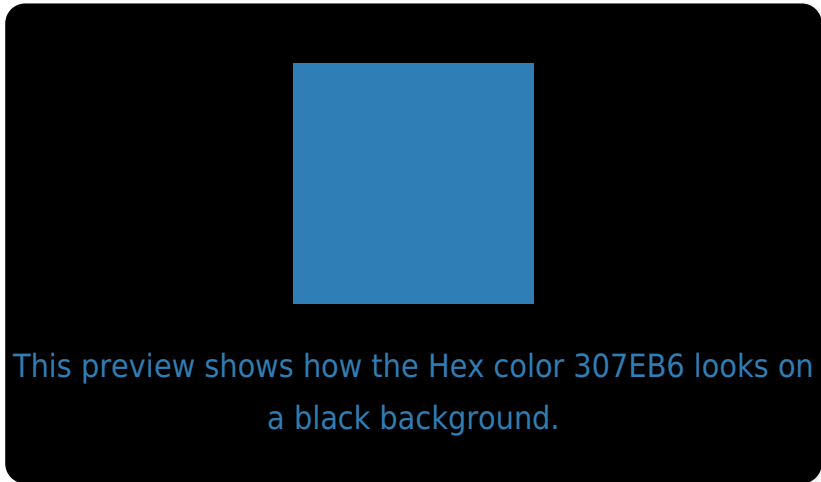
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

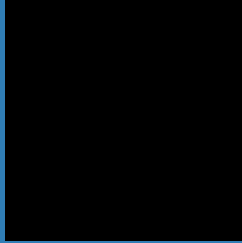
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex 307EB6 Background



This preview shows how black text looks on a background with the Hex color 307EB6.

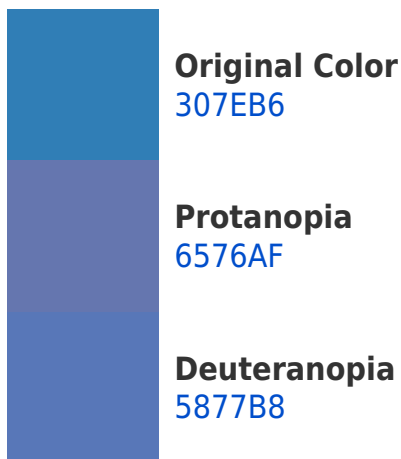


This preview shows how white text looks on a background with the Hex color 307EB6.

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](#).

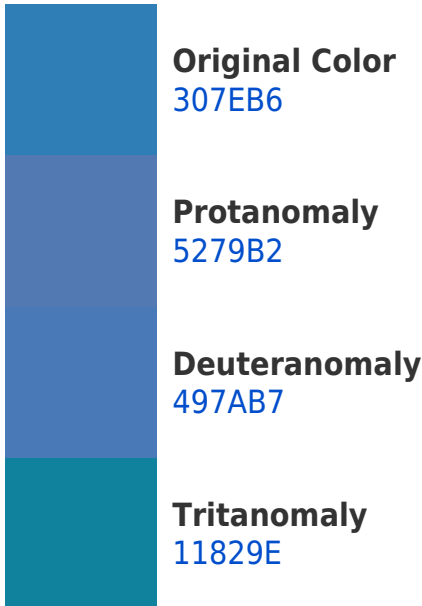
Dichromacy



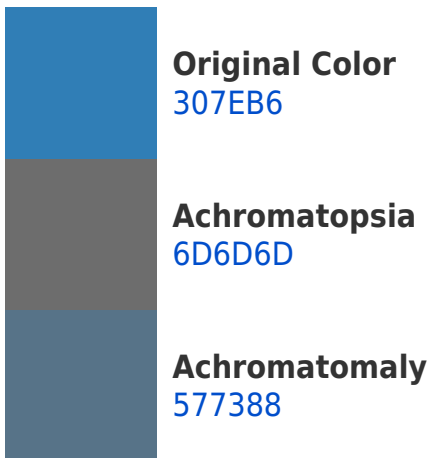


Tritanopia
008590

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 307EB6 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 #307EB6 looks like.

```
.text, #text, p{  
    color:#307EB6  
}
```

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 #307EB6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #307EB6
}
```

Border

The CSS property to change the border of an element to Hex 307EB6 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
#307EB6 }
```

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

```
.border{ border-color:#307EB6 }
```

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

Here you see how a box with a 4 pixel #307EB6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #307EB6; -webkit-box-shadow:4px 4px  
4px 4px #307EB6; box-shadow:4px 4px 4px  
4px #307EB6 }
```

Background

The CSS property to change the background color of an element to Hex 307EB6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#307EB6 }
```

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

```
.background{ background-color:#307EB6 }
```

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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