

Converting Colors

Hex(307ED9)

Have a look what the booklet for
Hex(307ED9) contains.

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Color

Hex(307ED9)

Conversions

Conversions Part 1

Format	Color
Hex	307ED9
RGB	48, 126, 217
RGB Percent	19%, 49%, 85%
CMY	0.8118, 0.5059, 0.1490
CMYK	0.78, 0.42, 0.00, 0.15
HSL	212°, 69%, 52%
HSV	212°, 78%, 85%
XYZ	21.2042, 20.5598, 68.4965
YIQ	113.0520, -75.6990, 11.7650

Conversions

Conversions Part 2

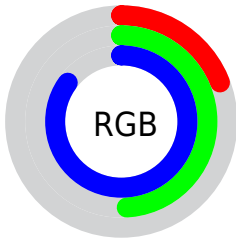
Format	Color
R_{YB}	48, 101, 217
Decimal	3178201
CIE Lab	52.46, 8.14, -53.33
CIE LCh	52, 53.945, 278.682
Yxy	20.5598, 0.1923, 0.1865
Android (android.graphics.Color)	4281368281 (0xFF307ED9)
YUV	113.0520, 51.2464, -57.0506
Hunter-Lab	45.3430, 4.1235, -57.8253

Details

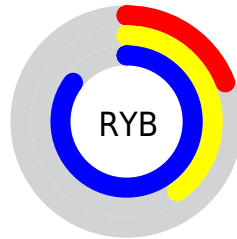
The Hex color **307ED9** is a dark color, and the websafe version is hex **3399FF**. The color can be described as dark muted azure. A complement of this color would be **D98B30**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **76B2FF**, and **004EA1** is the 20% darker color. If you saturate the color by 10%, you get **1A72D9**, and if you desaturate by 10%, it is **468AD9**.

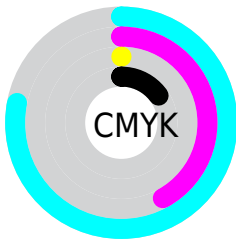
Distribution



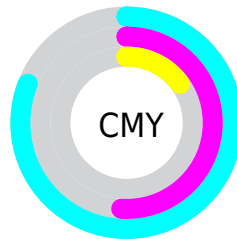
- Red (19%)
- Green (49%)
- Blue (85%)



- Red (19%)
- Yellow (40%)
- Blue (85%)



- Cyan (78%)
- Magenta (42%)
- Yellow (0%)
- Black (15%)



- Cyan (81%)
- Magenta (51%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color 307ED9 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 307ED9 by changing the saturation by 10% instead.

■ 307ED9

■ 307ED9

FFFFFF

■ 0065BD

■ 76B2FF

■ 004EA1

■ 95CDFF

■ 003887

■ B3EAFF

■ 00246D

■ D2FFFF

■ 000D54

■ F0FFFF

■ 00063C

■ 000225

■ 00010E

■ 000000

■ 307ED9

■ 307ED9

■ 1A72D9

■ 468AD9

■ 0567D9

■ 5B95D9

■ 0064D9

■ 71A1D9

■ 87ADD9

■ 9DB8D9

■ B2C4D9

■ C8D0D9

■ DEDBD9

■ F3E7D9

Harmonies

Analogous

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



008BD3



307ED9



916BC6

Triad

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



307ED9



CA5C46



00915A

Complementary

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



307ED9



D98B30

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.



578B2F



307ED9



AF6F22

Square

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



307ED9



D15172



887F14



00938A

Rectangle

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



307ED9



B35DAE



887F14



218F4B

Sweetspot

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



307ED9



C4DFFF



30D98A



5C6C80



000000



808080

Same Dimension

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



307ED9



127FFF



3630D9



63686E



0050AD



00152E

Inverse Universe

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



D9307E



FF127F



D3D930



6E6368



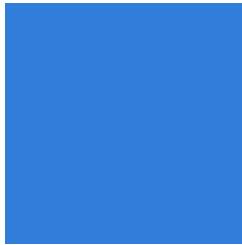
AD0050



2E0015

Previews

White Background



This preview shows how the Hex color 307ED9 looks on a white background.

Color Contrast Check

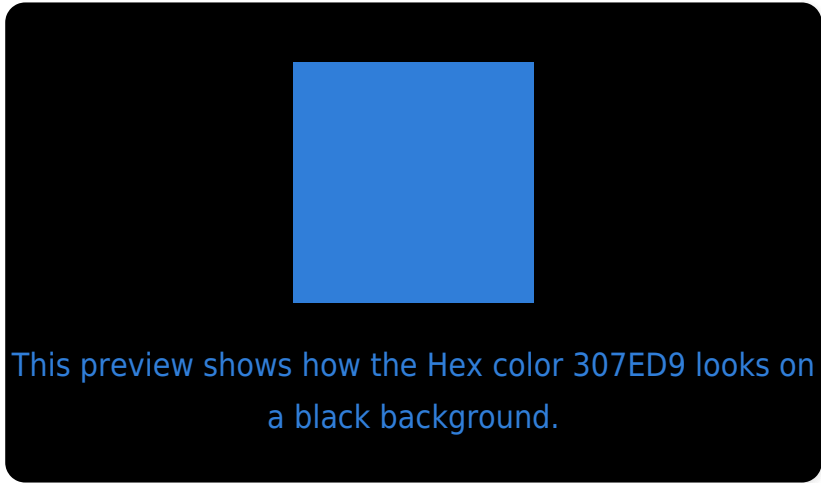
Large Text (above 18pt) WCAG AA ✓ Pass

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

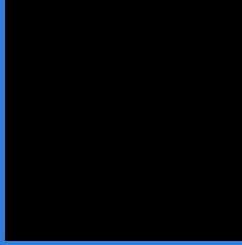
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

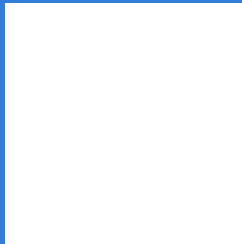
Any Text WCAG AAA × Fail

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

Hex 307ED9 Background



This preview shows how black text looks on a background with the Hex color 307ED9.

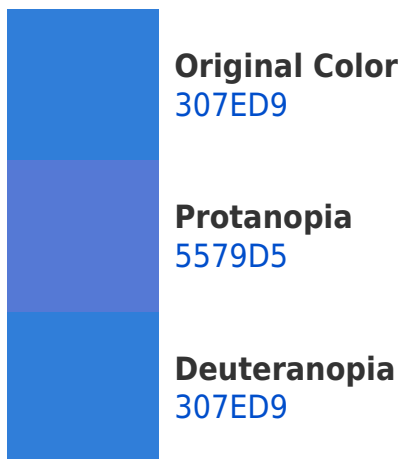


This preview shows how white text looks on a background with the Hex color 307ED9.

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](#).

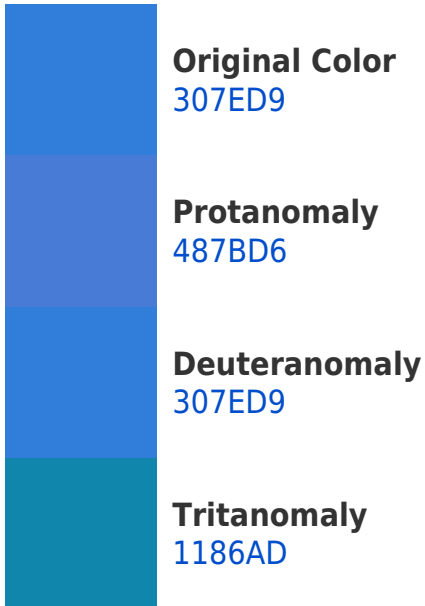
Dichromacy



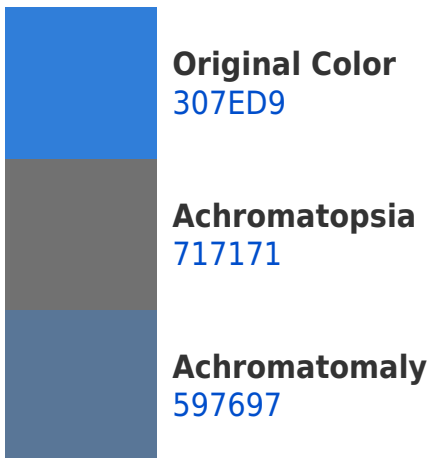


Tritanopia
008A94

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 307ED9 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 #307ED9 looks like.

```
.text, #text, p{  
    color:#307ED9  
}
```

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 #307ED9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #307ED9
}
```

Border

The CSS property to change the border of an element to Hex 307ED9 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
#307ED9 }
```

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

```
.border{ border-color:#307ED9 }
```

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

Here you see how a box with a 4 pixel #307ED9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #307ED9; -webkit-box-shadow:4px 4px  
4px 4px #307ED9; box-shadow:4px 4px 4px  
4px #307ED9 }
```

Background

The CSS property to change the background color of an element to Hex 307ED9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#307ED9 }
```

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

```
.background{ background-color:#307ED9 }
```

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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