

Converting Colors

Hex(327BA6)

Have a look what the booklet for
Hex(327BA6) contains.

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Color

Hex(327BA6)

Conversions

Conversions Part 1

Format	Color
Hex	327BA6
RGB	50, 123, 166
RGB Percent	20%, 48%, 65%
CMY	0.8039, 0.5176, 0.3490
CMYK	0.70, 0.26, 0.00, 0.35
HSL	202°, 54%, 42%
HSV	202°, 70%, 65%
XYZ	15.2813, 17.5972, 38.6676
YIQ	106.0750, -57.3110, -2.1030

Conversions

Conversions Part 2

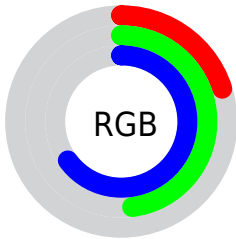
Format	Color
RYB	50, 95, 166
Decimal	3308454
CIELab	49.00, -8.31, -29.56
CIElCh	49, 30.701, 254.297
Yxy	17.5972, 0.2136, 0.2460
Android (android.graphics.Color)	4281498534 (0xFF327BA6)
YUV	106.0750, 29.5430, -49.1778
Hunter-Lab	41.9490, -8.3864, -25.2878

Details

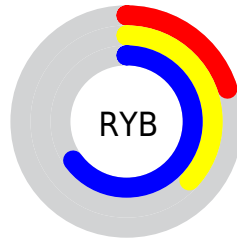
The Hex color **327BA6** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **A65D32**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **6EAFDD**, and **004A72** is the 20% darker color. If you saturate the color by 10%, you get **2175A6**, and if you desaturate by 10%, it is **4381A6**.

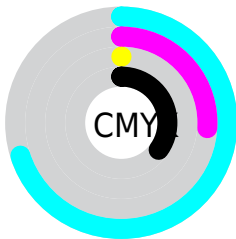
Distribution



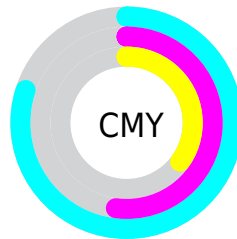
- Red (20%)
- Green (48%)
- Blue (65%)



- Red (20%)
- Yellow (37%)
- Blue (65%)



- Cyan (70%)
- Magenta (26%)
- Yellow (0%)
- Black (35%)



- Cyan (80%)
- Magenta (52%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 327BA6 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 327BA6 by changing the saturation by 10% instead.

■ 327BA6

■ 327BA6

FFFFFF

■ 02628B

■ 6EAFDD

■ 004A72

■ 8ACBFA

■ 003459

■ A7E7FF

■ 001F41

■ C4FFFF

■ 00032B

■ E1FFFF

■ 000116

■ 000000

■ 327BA6

■ 327BA6

■ 2175A6

■ 4381A6

■ 116FA6

■ 5387A6

■ 0069A6

■ 648DA6

■ 0068A6

■ 7494A6

■ 859AA6

■ 96A0A6

■ A6A6A6

■ B7ACA6

■ C7B2A6

Harmonies

Analogous

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



008098



327BA6



6273A7

Triad

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



327BA6



A76069



5C7D4E

Complementary

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



327BA6



A65D32

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.



797741



327BA6



A16551

Square

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



327BA6



9E6283



916E42



3A8166

Rectangle

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



327BA6



7C6C9F



916E42



667C48

Sweetspot

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



327BA6



ABC8D9



32A65D



52636E



EDEDED



6E6E6E

Same Dimension

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



327BA6



2395D9



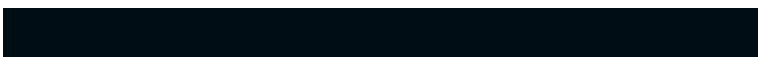
3241A6



4C5154



005D94



000D14

Inverse Universe

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



A6327B



D92395



A69732



544C51



94005D



14000D

Previews

White Background



This preview shows how the Hex color 327BA6 looks on a white background.

Color Contrast Check

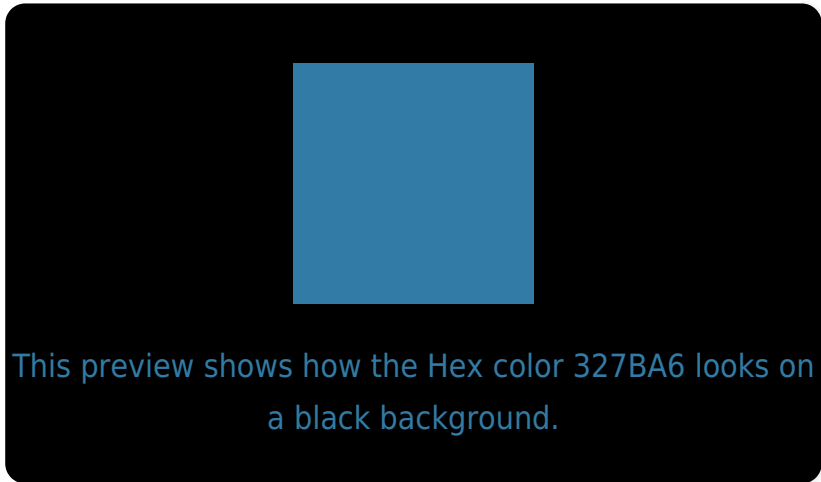
Large Text (above 18pt) WCAG AA ✓ Pass

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

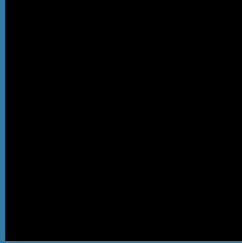
Any Text WCAG AA ✓ Pass

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 327BA6 Background



This preview shows how black text looks on a background with the Hex color 327BA6.

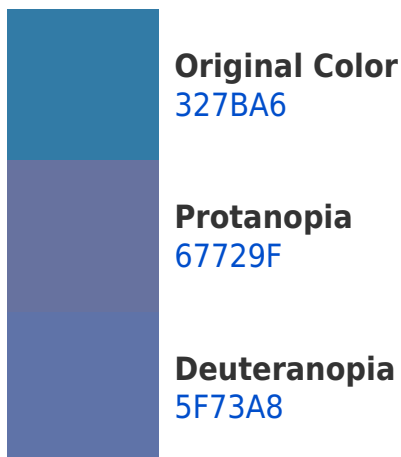


This preview shows how white text looks on a background with the Hex color 327BA6.

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](#).

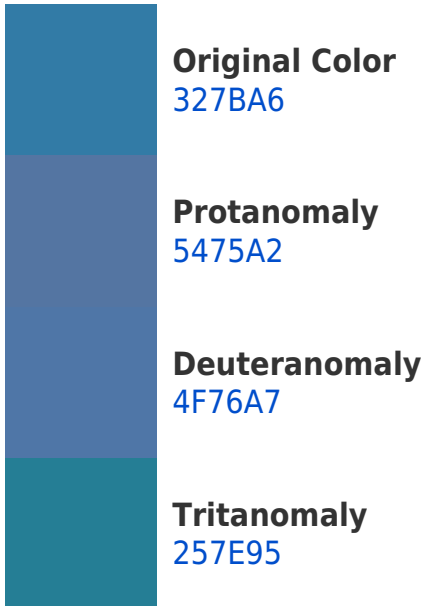
Dichromacy



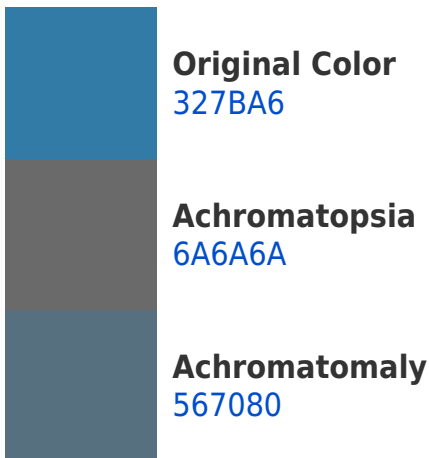


Tritanopia
1E808B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 327BA6 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 #327BA6 looks like.

```
.text, #text, p{  
    color:#327BA6  
}
```

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 #327BA6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #327BA6
}
```

Border

The CSS property to change the border of an element to Hex 327BA6 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
#327BA6 }
```

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

```
.border{ border-color:#327BA6 }
```

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

Here you see how a box with a 4 pixel #327BA6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #327BA6; -webkit-box-shadow:4px 4px  
4px 4px #327BA6; box-shadow:4px 4px 4px  
4px #327BA6 }
```

Background

The CSS property to change the background color of an element to Hex 327BA6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#327BA6 }
```

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

```
.background{ background-color:#327BA6 }
```

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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