

Converting Colors

Hex(327697)

Have a look what the booklet for
Hex(327697) contains.

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Color

Hex(327697)

Conversions

Conversions Part 1

Format	Color
Hex	327697
RGB	50, 118, 151
RGB Percent	20%, 46%, 59%
CMY	0.8039, 0.5373, 0.4078
CMYK	0.67, 0.22, 0.00, 0.41
HSL	200°, 50%, 39%
HSV	200°, 67%, 59%
XYZ	13.3797, 15.8693, 31.6361
YIQ	101.4300, -51.1210, -4.1530

Conversions

Conversions Part 2

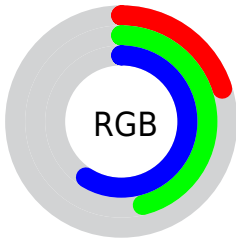
Format	Color
R _{YB}	50, 91, 151
Decimal	3307159
CIE Lab	46.80, -10.60, -24.19
CIE LCh	47, 26.407, 246.331
Yxy	15.8693, 0.2198, 0.2606
Android (android.graphics.Color)	4281497239 (0xFF327697)
YUV	101.4300, 24.4380, -45.1041
Hunter-Lab	39.8363, -9.7612, -19.1998




Details

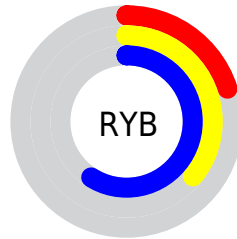
The Hex color **327697** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **975332**, and the grayscale version is **656565**.




A 20% lighter version of the original color is **6CAACD**, and **004664** is the 20% darker color. If you saturate the color by 10%, you get **237197**, and if you desaturate by 10%, it is **417B97**.

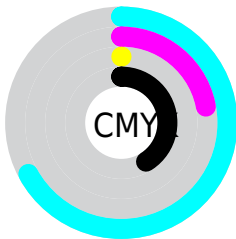
Distribution







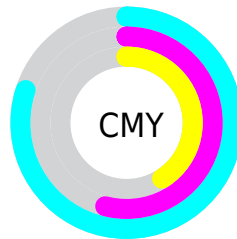
-  Red (20%)
-  Green (46%)
-  Blue (59%)






-  Red (20%)
-  Yellow (36%)
-  Blue (59%)



-  Cyan (67%)
-  Magenta (22%)
-  Yellow (0%)
-  Black (41%)



-  Cyan (80%)
-  Magenta (54%)
-  Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color 327697 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 327697 by changing the saturation by 10% instead.

■ 327697

■ 327697

FFFFFF

■ 0A5D7D

■ 6CAACD

■ 004664

■ 87C5EA

■ 002F4C

■ A4E1FF

■ 001B35

■ C0FEFF

■ 000220

■ DDFFFF

■ 000003

■ FBFFFF

■ 000000

■ 327697

■ 327697

■ 237197

■ 417B97

■ 146C97

■ 508097

■ 056797

■ 5F8597

■ 006697

■ 6E8A97

■ 7E8F97

■ 8D9497

■ 9C9997

■ AB9D97

■ BAA297

Harmonies

Analogous

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



187A88



327697



57709B

Triad

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



327697



9A5E6B



61754A

Complementary

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



327697



975332

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.



796F42



327697



986156

Square

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



327697



8F6081



8C6847



46795C

Rectangle

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



327697



6E6A97



8C6847



6A7447

Sweetspot

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



327697



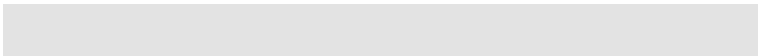
9DB8C4



329752



4C5C63



E3E3E3



636363

Same Dimension

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



327697



2791C4



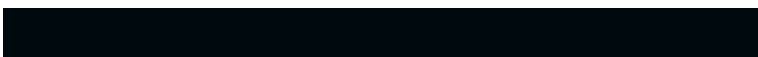
324597



454A4D



005E8C



00090D

Inverse Universe

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



973276



C42791



978432



4D454A



8C005E



0D0009

Previews

White Background



This preview shows how the Hex color 327697 looks on a white background.

Color Contrast Check

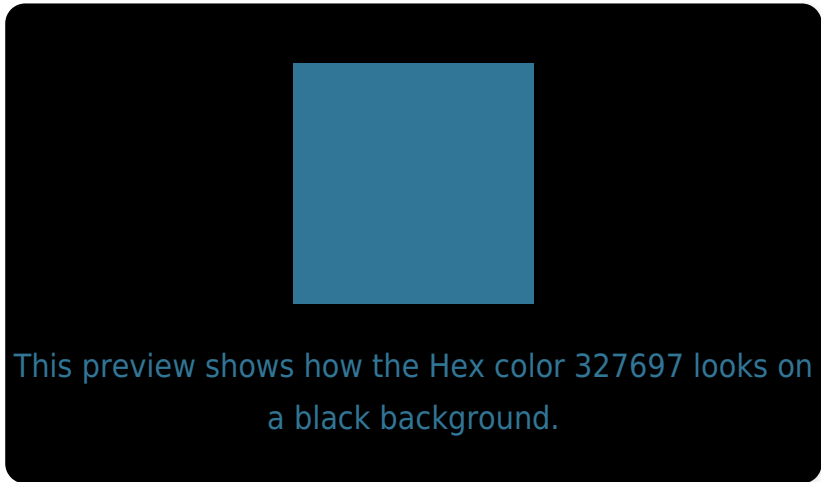
Large Text (above 18pt) WCAG AA ✓ Pass

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

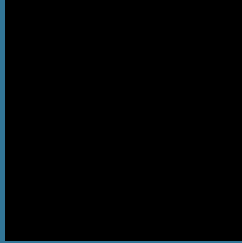
Any Text WCAG AA × Fail

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 327697 Background



This preview shows how black text looks on a background with the Hex color 327697.

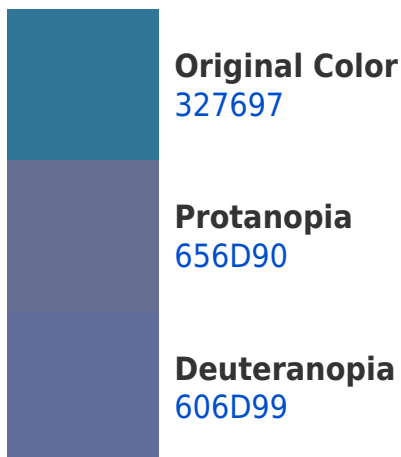


This preview shows how white text looks on a background with the Hex color 327697.

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](#).

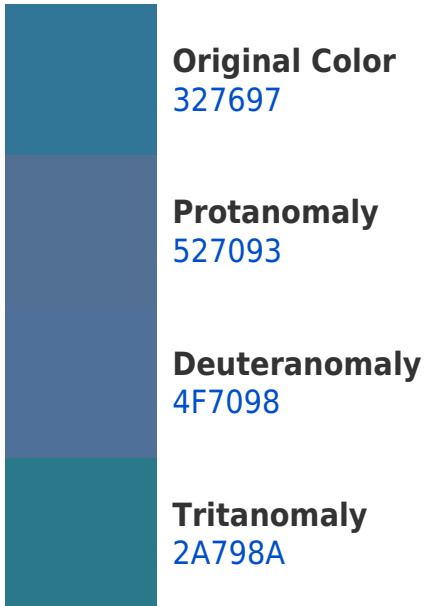
Dichromacy





Tritanopia
267A83

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 327697 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 #327697 looks like.

```
.text, #text, p{  
    color:#327697  
}
```

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 #327697 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #327697
}
```

Border

The CSS property to change the border of an element to Hex 327697 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
#327697 }
```

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

```
.border{ border-color:#327697 }
```

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

Here you see how a box with a 4 pixel #327697 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #327697; -webkit-box-shadow:4px 4px  
4px 4px #327697; box-shadow:4px 4px 4px  
4px #327697 }
```

Background

The CSS property to change the background color of an element to Hex 327697 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#327697 }
```

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

```
.background{ background-color:#327697 }
```

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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