

Converting Colors

Hex(347296)

Have a look what the booklet for
Hex(347296) contains.

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Color

Hex(347296)

Conversions

Conversions Part 1

Format	Color
Hex	347296
RGB	52, 114, 150
RGB Percent	20%, 45%, 59%
CMY	0.7961, 0.5529, 0.4118
CMYK	0.65, 0.24, 0.00, 0.41
HSL	202°, 49%, 40%
HSV	202°, 65%, 59%
XYZ	12.9385, 14.9667, 31.0611
YIQ	99.5660, -48.5080, -1.9480

Conversions

Conversions Part 2

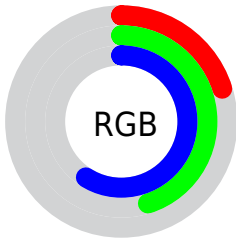
Format	Color
RYB	52, 90, 150
Decimal	3437206
CIELab	45.59, -8.26, -25.47
CIElCh	46, 26.777, 252.034
Yxy	14.9667, 0.2194, 0.2538
Android (android.graphics.Color)	4281627286 (0xFF347296)
YUV	99.5660, 24.8640, -41.7154
Hunter-Lab	38.6868, -8.0040, -20.5223

Details

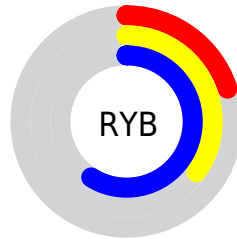
The Hex color **347296** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **965834**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **6DA6CC**, and **004263** is the 20% darker color. If you saturate the color by 10%, you get **256C96**, and if you desaturate by 10%, it is **437896**.

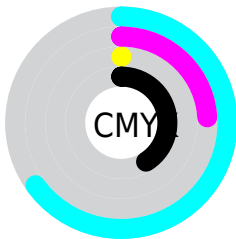
Distribution



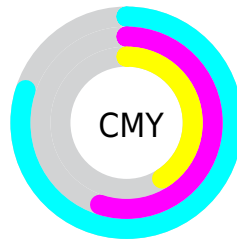
- Red (20%)
- Green (45%)
- Blue (59%)



- Red (20%)
- Yellow (35%)
- Blue (59%)



- Cyan (65%)
- Magenta (24%)
- Yellow (0%)
- Black (41%)



- Cyan (80%)
- Magenta (55%)
- Yellow (41%)


Brightness & Saturation Gradients


These gradients show how the Hex color 347296 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 347296 by changing the saturation by 10% instead.

 347296  347296


FFFFFF  105A7C

 6DA6CC  004263


 88C1E9  002C4B

 A4DDFF  001834

 C1F9FF  00021F

 DEFFFF  000002

 FBFFFF  000000

 347296  347296

 256C96  437896

■ 166796

■ 527D96

■ 076196

■ 618396

■ 005F96

■ 708896

■ 7F8E96

■ 8E9396

■ 9D9996

■ AC9E96

■ BBA496

Harmonies

Analogous

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



107689



347296



5A6B97

Triad

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



347296



985B64



59734A

Complementary

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



347296



965834

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.



726D40



347296



945F4F

Square

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



347296



8F5C7A



866642



3D775D

Rectangle

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



347296



716692



866642



627245

Sweetspot

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



347296



9BB4C2



349658



4A5861



E0E0E0



616161

Same Dimension

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



347296



2B8AC2



344196



43474A



00578A



00060A

Inverse Universe

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



963472



C22B8A



968934



4A4347



8A0057



0A0006

Previews

White Background



This preview shows how the Hex color 347296 looks on a white background.

Color Contrast Check

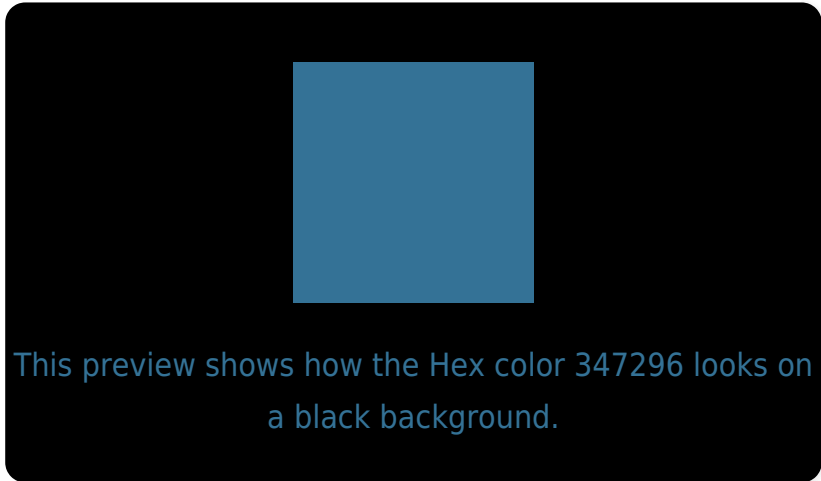
Large Text (above 18pt) WCAG AA ✓ Pass

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

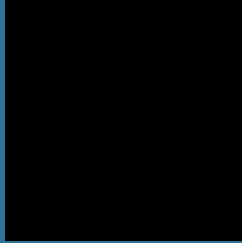
Any Text WCAG AA × Fail

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 347296 Background



This preview shows how black text looks on a background with the Hex color 347296.

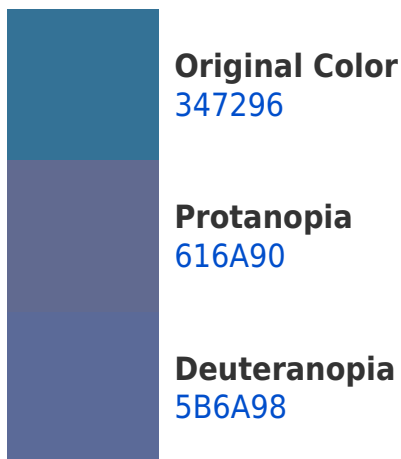


This preview shows how white text looks on a background with the Hex color 347296.

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](#).

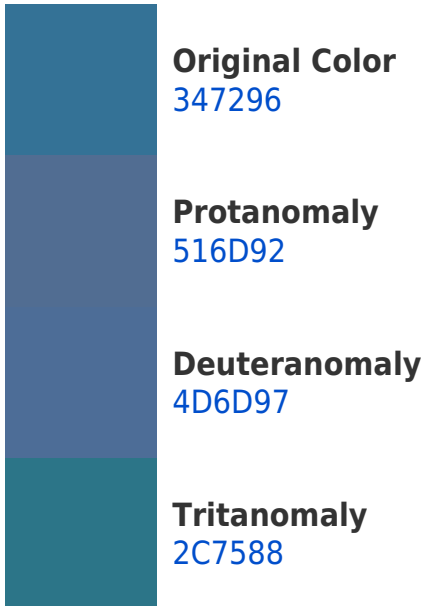
Dichromacy





Tritanopia
287680

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 347296 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 #347296 looks like.

```
.text, #text, p{  
    color:#347296  
}
```

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 #347296 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #347296
}
```

Border

The CSS property to change the border of an element to Hex 347296 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
#347296 }
```

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

```
.border{ border-color:#347296 }
```

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

Here you see how a box with a 4 pixel #347296 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #347296; -webkit-box-shadow:4px 4px  
4px 4px #347296; box-shadow:4px 4px 4px  
4px #347296 }
```

Background

The CSS property to change the background color of an element to Hex 347296 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#347296 }
```

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

```
.background{ background-color:#347296 }
```

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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