

Converting Colors

Hex(346795)

Have a look what the booklet for
Hex(346795) contains.

Hex(346795)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(346795)

Conversions

Conversions Part 1

Format	Color
Hex	346795
RGB	52, 103, 149
RGB Percent	20%, 40%, 58%
CMY	0.7961, 0.5961, 0.4157
CMYK	0.65, 0.31, 0.00, 0.42
HSL	208°, 48%, 39%
HSV	208°, 65%, 58%
XYZ	11.6912, 12.6005, 30.2497
YIQ	92.9950, -45.1620, 3.4940

Conversions

Conversions Part 2

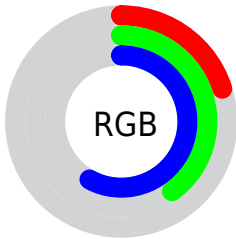
Format	Color
RYB	52, 85, 149
Decimal	3434389
CIELab	42.16, -2.01, -30.23
CIElCh	42, 30.301, 266.205
Yxy	12.6005, 0.2144, 0.2310
Android (android.graphics.Color)	4281624469 (0xFF346795)
YUV	92.9950, 27.6105, -35.9526
Hunter-Lab	35.4972, -3.3298, -25.6773




Details

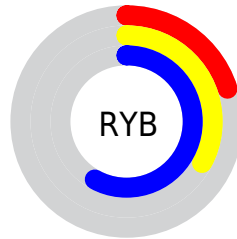
The Hex color **346795** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **956234**, and the grayscale version is **5D5D5D**.




A 20% lighter version of the original color is **6C9ACB**, and **003862** is the 20% darker color. If you saturate the color by 10%, you get **256095**, and if you desaturate by 10%, it is **436E95**.

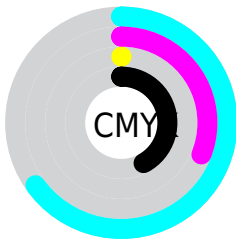
Distribution







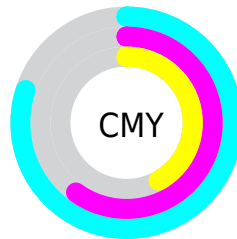
-  Red (20%)
-  Green (40%)
-  Blue (58%)






-  Red (20%)
-  Yellow (33%)
-  Blue (58%)



-  Cyan (65%)
-  Magenta (31%)
-  Yellow (0%)
-  Black (42%)



-  Cyan (80%)
-  Magenta (60%)
-  Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 346795 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 346795 by changing the saturation by 10% instead.

■ 346795

■ 346795

FFFFFF

■ 114F7B

■ 6C9ACB

■ 003862

■ 88B5E8

■ 00234A

■ A4D0FF

■ 000D33

■ C0ECFF

■ 00021D

■ DDFFFF

■ 000000

■ FAFFFF

■ 346795

■ 346795

■ 256095

■ 436E95

■ 165995

■ 527595

■ 075295

■ 617C95

■ 004E95

■ 708395

■ 7F8A95

■ 8D9195

■ 9C9895

■ ABA095

■ BAA795

Harmonies

Analogous

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



006D8C



346795



615E90

Triad

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



346795



93514F



3F6E47

Complementary

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



346795



956234

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.



5D6935



346795



89583B

Square

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



346795



904F68



766131



12705F

Rectangle

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



346795



775886



766131



4A6C40

Sweetspot

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



346795



9BAFC2



349561



4A5661



E0E0E0



616161

Same Dimension

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



346795



2B7AC2



343795



43464A



00488A



00050A

Inverse Universe

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



953467



C22B7A



959234



4A4346



8A0048



0A0005

Previews

White Background



This preview shows how the Hex color 346795 looks on a white background.

Color Contrast Check

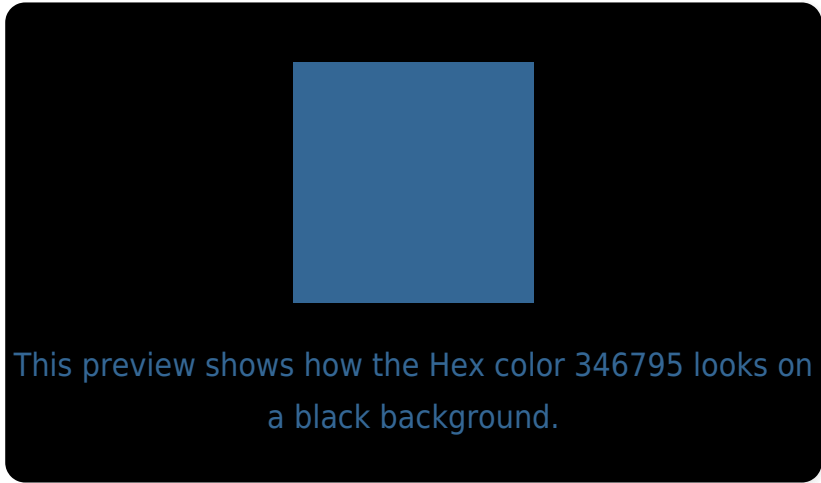
Large Text (above 18pt) WCAG AA ✓ Pass

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

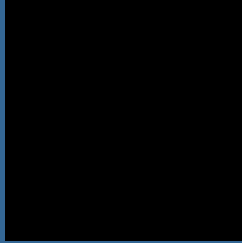
Any Text WCAG AA × Fail

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 346795 Background



This preview shows how black text looks on a background with the Hex color 346795.



This preview shows how white text looks on a background with the Hex color 346795.

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](#).

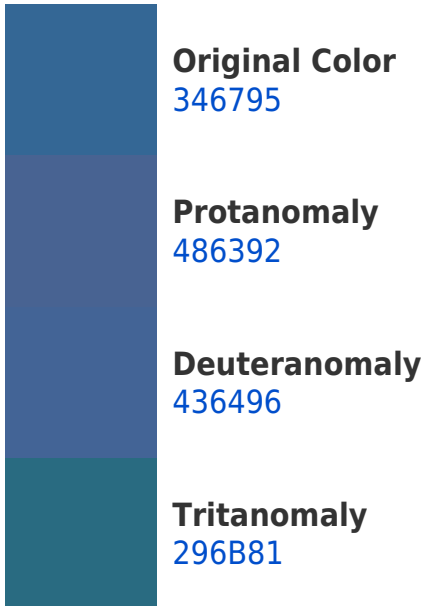
Dichromacy



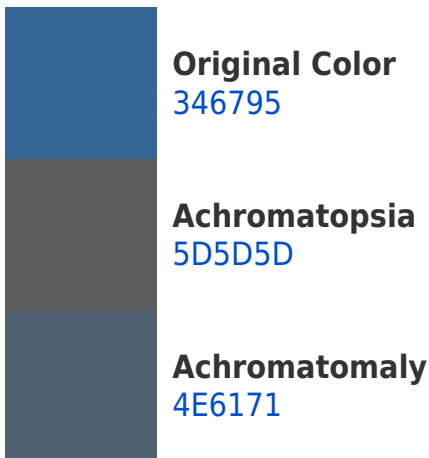


Tritanopia
226D76

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 346795 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 #346795 looks like.

```
.text, #text, p{  
    color:#346795  
}
```

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 #346795 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #346795
}
```

Border

The CSS property to change the border of an element to Hex 346795 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
#346795 }
```

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

```
.border{ border-color:#346795 }
```

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

Here you see how a box with a 4 pixel #346795 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #346795; -webkit-box-shadow:4px 4px  
4px 4px #346795; box-shadow:4px 4px 4px  
4px #346795 }
```

Background

The CSS property to change the background color of an element to Hex 346795 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#346795 }
```

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

```
.background{ background-color:#346795 }
```

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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