

Converting Colors

Hex(346396)

Have a look what the booklet for
Hex(346396) contains.

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Color

Hex(346396)

Conversions

Conversions Part 1

Format	Color
Hex	346396
RGB	52, 99, 150
RGB Percent	20%, 39%, 59%
CMY	0.7961, 0.6118, 0.4118
CMYK	0.65, 0.34, 0.00, 0.41
HSL	211°, 49%, 40%
HSV	211°, 65%, 59%
XYZ	11.3830, 11.8558, 30.5426
YIQ	90.7610, -44.3830, 5.8970

Conversions

Conversions Part 2

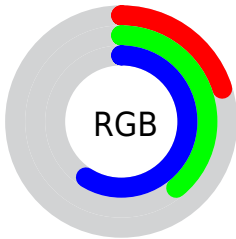
Format	Color
R_{YB}	52, 84, 150
Decimal	3433366
CIE _{Lab}	40.99, 0.83, -32.67
CIE _{LCh}	41, 32.681, 271.454
Yxy	11.8558, 0.2117, 0.2204
Android (android.graphics.Color)	4281623446 (0xFF346396)
YUV	90.7610, 29.2048, -33.9934
Hunter-Lab	34.4322, -1.2455, -28.4899

Details

The Hex color **346396** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **966734**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **6C95CC**, and **003563** is the 20% darker color. If you saturate the color by 10%, you get **255B96**, and if you desaturate by 10%, it is **436B96**.

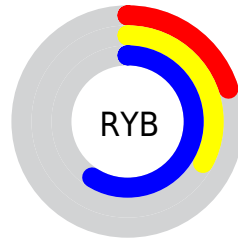
Distribution



Red (20%)

Green (39%)

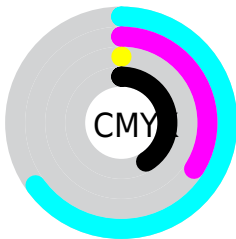
Blue (59%)



Red (20%)

Yellow (33%)

Blue (59%)

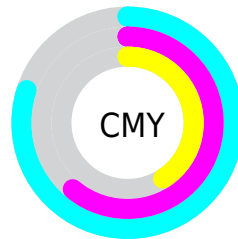


Cyan (65%)

Magenta (34%)

Yellow (0%)

Black (41%)



Cyan (80%)

Magenta (61%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color 346396 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 346396 by changing the saturation by 10% instead.

■ 346396

■ 346396

FFFFFF

■ 104B7C

■ 6C95CC

■ 003563

■ 88B0E9

■ 00204B

■ A4CBFF

■ 000734

■ C0E8FF

■ 00021E

■ DDFFFF

■ 000000

■ FBFFFF

■ 346396

■ 346396

■ 255B96

■ 436B96

■ 165396

■ 527396

■ 074C96

■ 617A96

■ 004896

■ 708296

■ 7F8A96

■ 8E9296

■ 9D9A96

■ ACA196

■ BBA996

Harmonies

Analogous

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



006A8F



346396



64598E

Triad

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



346396



924D46



316C46

Complementary

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



346396



966734

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.



546731



346396



855632

Square

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



346396



924A60



6F6029



006E61

Rectangle

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



346396



7A5282



6F6029



3E6B3E

Sweetspot

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



346396



9BAEC2



349667



4A5561



E0E0E0



616161

Same Dimension

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



346396



2B73C2



363496



43464A



00428A



00050A

Inverse Universe

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



963463



C22B73



949634



4A4346



8A0042



0A0005

Previews

White Background



This preview shows how the Hex color 346396 looks on a white background.

Color Contrast Check

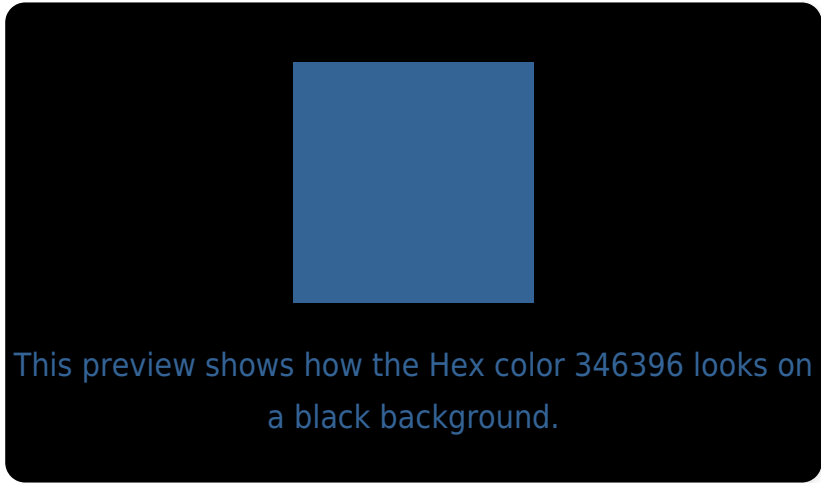
Large Text (above 18pt) WCAG AA ✓ Pass

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 346396 Background



This preview shows how black text looks on a background with the Hex color 346396.

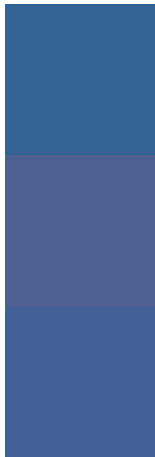


This preview shows how white text looks on a background with the Hex color 346396.

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



Original Color
346396

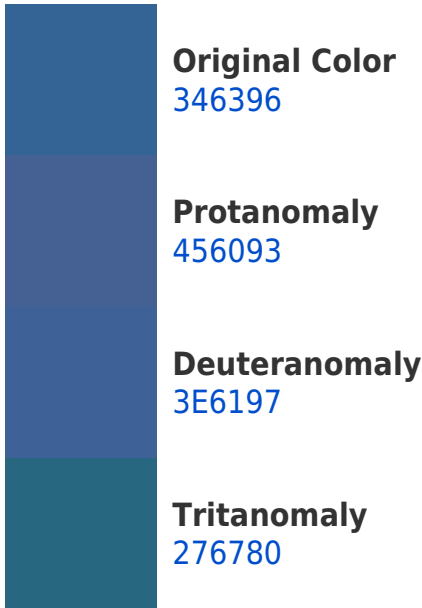
Protanopia
4E5F92

Deuteranopia
436097

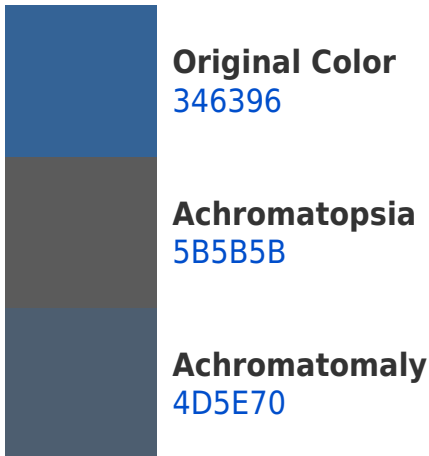


Tritanopia
1F6A73

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 346396 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 #346396 looks like.

```
.text, #text, p{  
    color:#346396  
}
```

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 #346396 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #346396
}
```

Border

The CSS property to change the border of an element to Hex 346396 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
#346396 }
```

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

```
.border{ border-color:#346396 }
```

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

Here you see how a box with a 4 pixel #346396 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #346396; -webkit-box-shadow:4px 4px  
4px 4px #346396; box-shadow:4px 4px 4px  
4px #346396 }
```

Background

The CSS property to change the background color of an element to Hex 346396 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#346396 }
```

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

```
.background{ background-color:#346396 }
```

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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