

Converting Colors

Hex(346181)

Have a look what the booklet for
Hex(346181) contains.

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Color

Hex(346181)

Conversions

Conversions Part 1

Format	Color
Hex	346181
RGB	52, 97, 129
RGB Percent	20%, 38%, 51%
CMY	0.7961, 0.6196, 0.4941
CMYK	0.60, 0.25, 0.00, 0.49
HSL	205°, 43%, 35%
HSV	205°, 60%, 51%
XYZ	9.6533, 10.8644, 22.3571
YIQ	87.1930, -37.0920, 0.4120

Conversions

Conversions Part 2

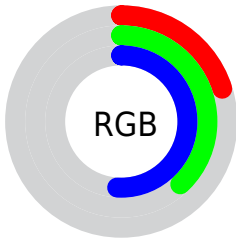
Format	Color
RYB	52, 80, 129
Decimal	3432833
CIELab	39.35, -5.30, -22.56
CIELCh	39, 23.172, 256.778
Yxy	10.8644, 0.2252, 0.2534
Android (android.graphics.Color)	4281622913 (0xFF346181)
YUV	87.1930, 20.6109, -30.8643
Hunter-Lab	32.9612, -5.4051, -17.1427




Details

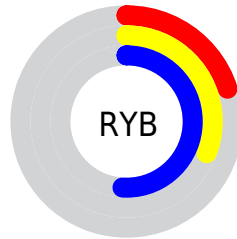
The Hex color **346181** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **815434**, and the grayscale version is **575757**.


A 20% lighter version of the original color is **6993B6**, and **003350** is the 20% darker color. If you saturate the color by 10%, you get **275C81**, and if you desaturate by 10%, it is **416681**.

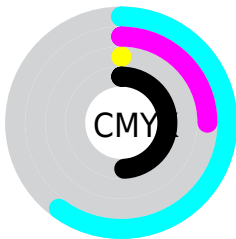
Distribution







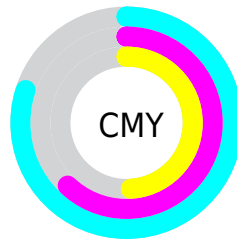
-  Red (20%)
-  Green (38%)
-  Blue (51%)






-  Red (20%)
-  Yellow (31%)
-  Blue (51%)



-  Cyan (60%)
-  Magenta (25%)
-  Yellow (0%)
-  Black (49%)



-  Cyan (80%)
-  Magenta (62%)
-  Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 346181 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 346181 by changing the saturation by 10% instead.

■ 346181

■ 346181

FFFFFF

■ 164968

■ 6993B6

■ 003350

■ 84AED2

■ 001E38

■ 9FC9EE

■ 000223

■ BBE5FF

■ 00000A

■ D8FFFF

■ 000000

■ F5FFFF

■ 346181

■ 346181

■ 275C81

■ 416681

■ 1A5681

■ 4E6C81

■ 0D5181

■ 5B7181

■ 004C81

■ 687681

■ 004B81

■ 757C81

■ 818181

■ 8E8781

■ 9B8C81

■ A89181

Harmonies

Analogous

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



186578



346181



535B81

Triad

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



346181



824E53



496442

Complementary

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



346181



815434

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.



5F5F38



346181



7D5242

Square

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



346181



7C4F66



715938



326653

Rectangle

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



346181



65567B



715938



51623E

Sweetspot

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



346181



8A9CA8



348153



424C54



D4D4D4



545454

Same Dimension

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



346181



2F76A8



343C81



393D40



004B80



000000

Inverse Universe

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



813461



A82F76



817934



40393D



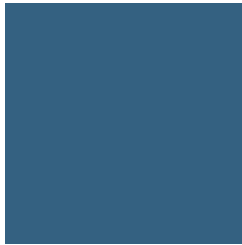
80004B



000000

Previews

White Background



This preview shows how the Hex color 346181 looks on a white background.

Color Contrast Check

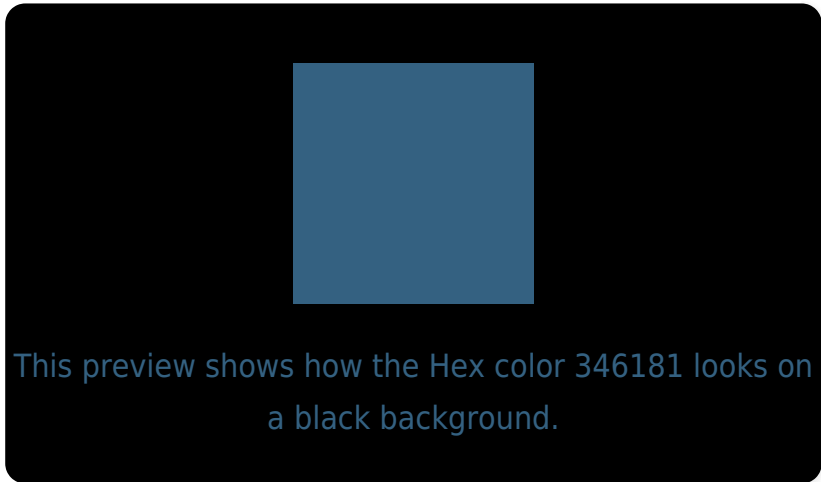
Large Text (above 18pt) WCAG AA ✓ Pass

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

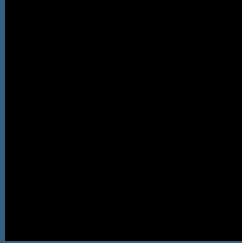
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

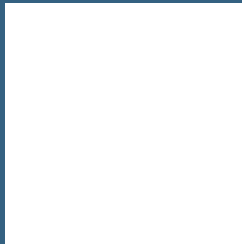
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 346181 Background



This preview shows how black text looks on a background with the Hex color 346181.

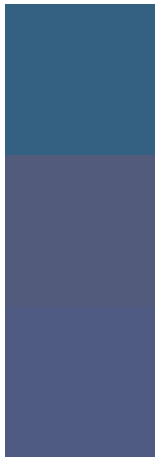


This preview shows how white text looks on a background with the Hex color 346181.

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
346181

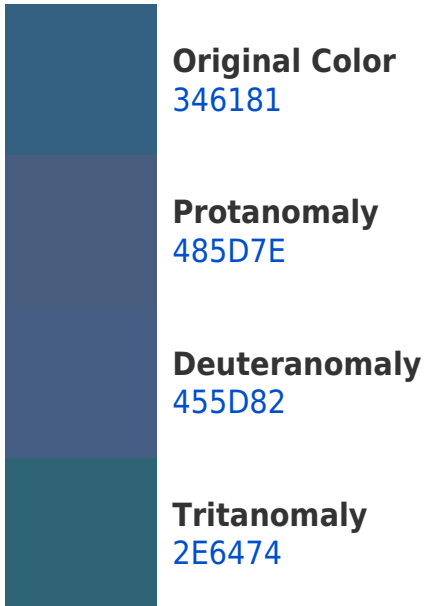
Protanopia
535B7C

Deuteranopia
4F5B82

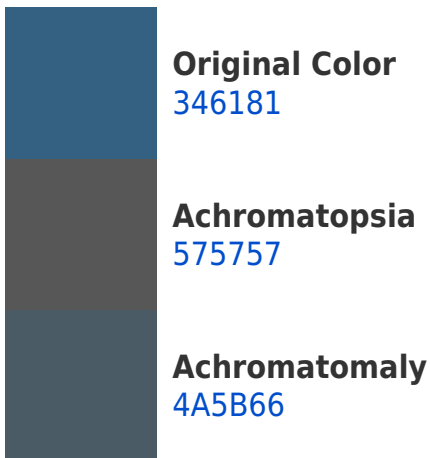


Tritanopia
2B656D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 346181 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 #346181 looks like.

```
.text, #text, p{  
    color:#346181  
}
```

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 #346181 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #346181
}
```

Border

The CSS property to change the border of an element to Hex 346181 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
#346181 }
```

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

```
.border{ border-color:#346181 }
```

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

Here you see how a box with a 4 pixel #346181 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #346181; -webkit-box-shadow:4px 4px  
4px 4px #346181; box-shadow:4px 4px 4px  
4px #346181 }
```

Background

The CSS property to change the background color of an element to Hex 346181 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#346181 }
```

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

```
.background{ background-color:#346181 }
```

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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