

Converting Colors

Hex(316A8E)

Have a look what the booklet for
Hex(316A8E) contains.

Hex(316A8E)	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(316A8E)

Conversions

Conversions Part 1

Format	Color
Hex	316A8E
RGB	49, 106, 142
RGB Percent	19%, 42%, 56%
CMY	0.8078, 0.5843, 0.4431
CMYK	0.65, 0.25, 0.00, 0.44
HSL	203°, 49%, 37%
HSV	203°, 65%, 56%
XYZ	11.3031, 12.9140, 27.4881
YIQ	93.0610, -45.5280, -0.8880

Conversions

Conversions Part 2

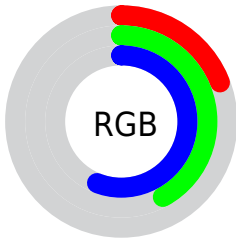
Format	Color
RYB	49, 84, 142
Decimal	3238542
CIELab	42.63, -6.85, -25.31
CIElCh	43, 26.222, 254.857
Yxy	12.9140, 0.2186, 0.2498
Android (android.graphics.Color)	4281428622 (0xFF316A8E)
YUV	93.0610, 24.1269, -38.6415
Hunter-Lab	35.9361, -6.7438, -20.1966

Details

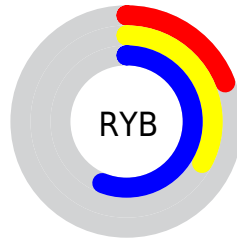
The Hex color **316A8E** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **8E5531**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **699DC4**, and **003B5C** is the 20% darker color. If you saturate the color by 10%, you get **23658E**, and if you desaturate by 10%, it is **3F6F8E**.

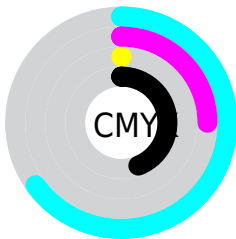
Distribution



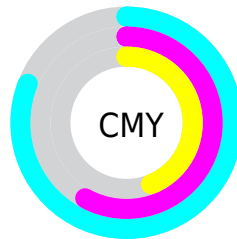
- Red (19%)
- Green (42%)
- Blue (56%)



- Red (19%)
- Yellow (33%)
- Blue (56%)



- Cyan (65%)
- Magenta (25%)
- Yellow (0%)
- Black (44%)



- Cyan (81%)
- Magenta (58%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 316A8E 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 316A8E by changing the saturation by 10% instead.

■ 316A8E

■ 316A8E

FFFFFF

■ 0D5274

■ 699DC4

■ 003B5C

■ 84B8E0

■ 002544

■ A0D4FD

■ 00112D

■ BCF0FF

■ 000118

■ D9FFFF

■ 000000

■ F7FFFF

■ 316A8E

■ 316A8E

■ 23658E

■ 3F6F8E

■ 155F8E

■ 4D758E

■ 065A8E

■ 5C7A8E

■ 00578E

■ 6A808E

■ 78858E

■ 868B8E

■ 94908E

■ A3968E

■ B19B8E

Harmonies

Analogous

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



066E83



316A8E



57638E

Triad

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



316A8E



8F545B



506C45

Complementary

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



316A8E



8E5531

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.



68673A



316A8E



8A5847

Square

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



316A8E



885571



7C603B



346F59

Rectangle

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



316A8E



6C5E88



7C603B



586B40

Sweetspot

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



316A8E



93A9B8



318E55



46535C



DBDBDB



5C5C5C

Same Dimension

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



316A8E



277FB8



313C8E



404547



005387



000508

Inverse Universe

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



8E316A



B8277F



8E8331



474045



870053



080005

Previews

White Background



This preview shows how the Hex color 316A8E looks on a white background.

Color Contrast Check

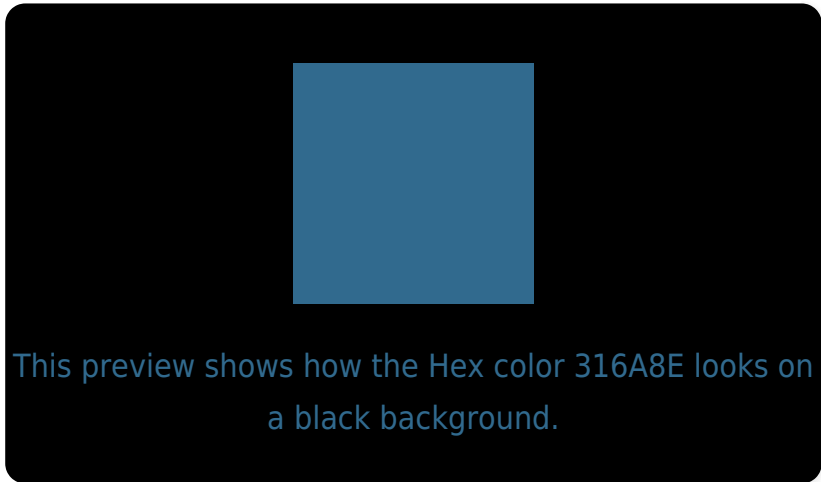
Large Text (above 18pt) WCAG AA ✓ Pass

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

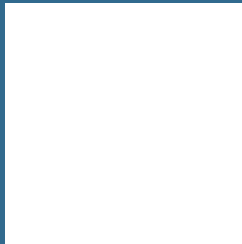
Any Text WCAG AAA × Fail

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

Hex 316A8E Background



This preview shows how black text looks on a background with the Hex color 316A8E.



This preview shows how white text looks on a background with the Hex color 316A8E.

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](#).

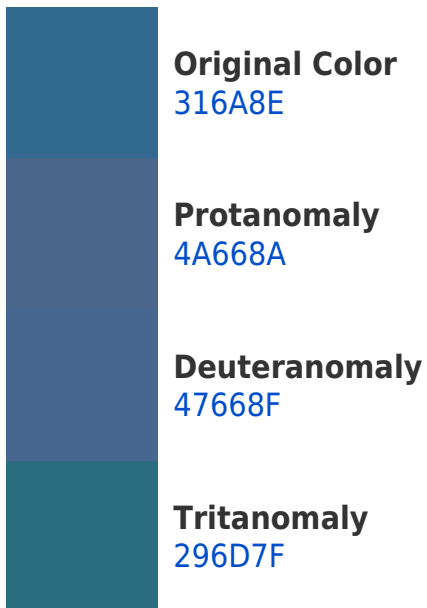
Dichromacy



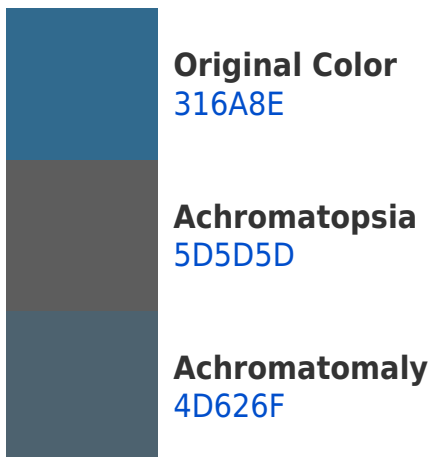


Tritanopia
246E77

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 316A8E 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 #316A8E looks like.

```
.text, #text, p{  
    color:#316A8E  
}
```

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 #316A8E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #316A8E
}
```

Border

The CSS property to change the border of an element to Hex 316A8E 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
#316A8E }
```

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

```
.border{ border-color:#316A8E }
```

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

Here you see how a box with a 4 pixel #316A8E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #316A8E; -webkit-box-shadow:4px 4px  
4px 4px #316A8E; box-shadow:4px 4px 4px  
4px #316A8E }
```

Background

The CSS property to change the background color of an element to Hex 316A8E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#316A8E }
```

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

```
.background{ background-color:#316A8E }
```

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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