

Converting Colors

Hex(616790)

Have a look what the booklet for
Hex(616790) contains.

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Color

Hex(616790)

Conversions

Conversions Part 1

Format	Color
Hex	616790
RGB	97, 103, 144
RGB Percent	38%, 40%, 56%
CMY	0.6196, 0.5961, 0.4353
CMYK	0.33, 0.28, 0.00, 0.44
HSL	232°, 20%, 47%
HSV	232°, 33%, 56%
XYZ	14.8141, 14.2555, 28.3564
YIQ	105.8800, -16.7370, 11.4790

Conversions

Conversions Part 2

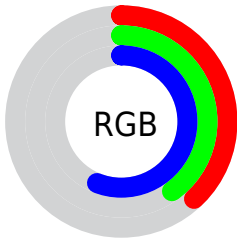
Format	Color
R _Y B	97, 102, 144
Decimal	6383504
CIE Lab	44.60, 7.89, -23.24
CIE LCh	45, 24.544, 288.741
Yxy	14.2555, 0.2580, 0.2482
Android (android.graphics.Color)	4284573584 (0xFF616790)
YUV	105.8800, 18.7932, -7.7878
Hunter-Lab	37.7565, 3.9621, -18.0993

Details

The Hex color **616790** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **908A61**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **959AC6**, and **30385D** is the 20% darker color. If you saturate the color by 10%, you get **535A90**, and if you desaturate by 10%, it is **6F7490**.

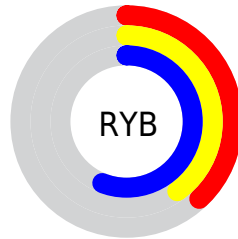
Distribution



Red (38%)

Green (40%)

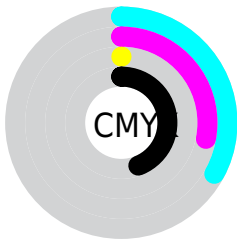
Blue (56%)



Red (38%)

Yellow (40%)

Blue (56%)

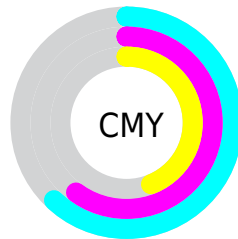


Cyan (33%)

Magenta (28%)

Yellow (0%)

Black (44%)



Cyan (62%)

Magenta (60%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 616790 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 616790 by changing the saturation by 10% instead.

■ 616790

■ 616790

FFFFFF

■ 484F76

■ 959AC6

■ 30385D

■ B0B5E2

■ 182346

■ CCD0FF

■ 010D2F

■ E8ECFF

■ 00011A

■ 000000

■ 616790

■ 616790

■ 535A90

■ 6F7490

■ 444E90

■ 7E8090

■ 364190

■ 8C8D90

■ 273590

■ 9B9990

■ 192890

■ A9A690

■ 0B1C90

■ B7B290

■ 001290

■ C6BF90

■ D4CB90

■ E3D890

Harmonies

Analogous

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



416E91



616790



7C6085

Triad

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



616790



8C5F4C



3A7461

Complementary

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



616790



908A61

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.



53714E



616790



7E6642

Square

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



616790



925A5D



6A6C42



237476

Rectangle

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



616790



885C79



6A6C42



42735A

Sweetspot

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



616790



A8AABA



61908A



53545E



DEDEDE



5E5E5E

Same Dimension

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



616790



727BBA



726190



404147



001187



000108

Inverse Universe

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



906167



BA727B



7F9061



474041



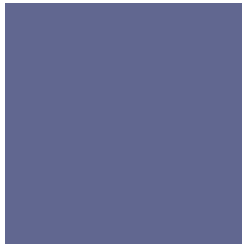
870011



080001

Previews

White Background



This preview shows how the Hex color 616790 looks on a white background.

Color Contrast Check

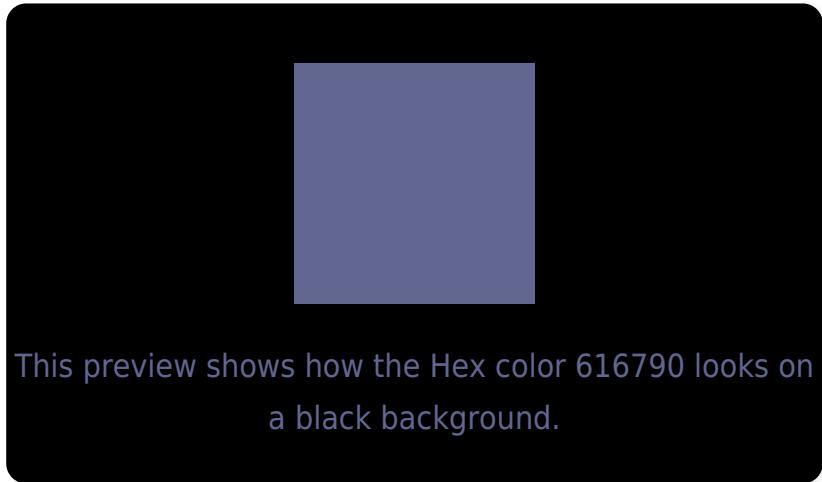
Large Text (above 18pt) WCAG AA ✓ Pass

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

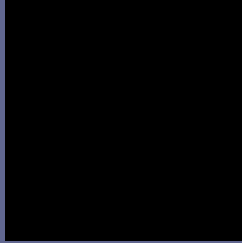
Any Text WCAG AA × Fail

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 616790 Background



This preview shows how black text looks on a background with the Hex color 616790.



This preview shows how white text looks on a background with the Hex color 616790.

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

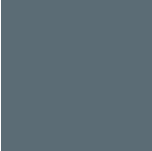
616790

Protanopia

5D6891

Deuteranopia

5E6890



Tritanopia
5B6C75

Trichromacy



Original Color
616790

Protanomaly
5E6891

Deuteranomaly
5F6890

Tritanomaly
5D6A7F

Monochromacy



Original Color
616790

Achromatopsia
6A6A6A

Achromatomaly
676978

CSS Examples

Text

The CSS property to change the color of the text to Hex 616790 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 #616790 looks like.

```
.text, #text, p{  
    color:#616790  
}
```

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 #616790 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #616790
}
```

Border

The CSS property to change the border of an element to Hex 616790 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
#616790 }
```

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

```
.border{ border-color:#616790 }
```

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

Here you see how a box with a 4 pixel #616790 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #616790; -webkit-box-shadow:4px 4px  
4px 4px #616790; box-shadow:4px 4px 4px  
4px #616790 }
```

Background

The CSS property to change the background color of an element to Hex 616790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#616790 }
```

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

```
.background{ background-color:#616790 }
```

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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