

Converting Colors

Hex(6A7491)

Have a look what the booklet for
Hex(6A7491) contains.

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Color

Hex(6A7491)

Conversions

Conversions Part 1

Format	Color
Hex	6A7491
RGB	106, 116, 145
RGB Percent	42%, 45%, 57%
CMY	0.5843, 0.5451, 0.4314
CMYK	0.27, 0.20, 0.00, 0.43
HSL	225°, 16%, 49%
HSV	225°, 27%, 57%
XYZ	17.3001, 17.5993, 29.2733
YIQ	116.3160, -15.2690, 6.8990

Conversions

Conversions Part 2

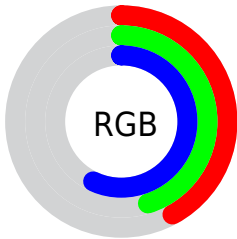
Format	Color
RYB	106, 114, 145
Decimal	6976657
CIELab	49.01, 3.16, -17.00
CIELCh	49, 17.294, 280.531
Yxy	17.5993, 0.2696, 0.2742
Android (android.graphics.Color)	4285166737 (0xFF6A7491)
YUV	116.3160, 14.1412, -9.0471
Hunter-Lab	41.9515, 0.1952, -12.0058

Details

The Hex color **6A7491** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **91876A**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **9EA8C7**, and **39445E** is the 20% darker color. If you saturate the color by 10%, you get **5C6991**, and if you desaturate by 10%, it is **797F91**.

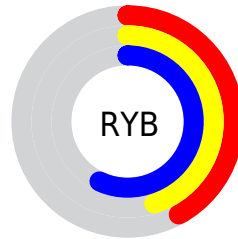
Distribution



Red (42%)

Green (45%)

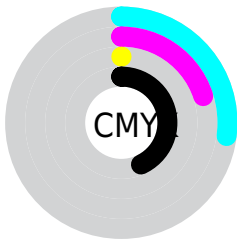
Blue (57%)



Red (42%)

Yellow (45%)

Blue (57%)

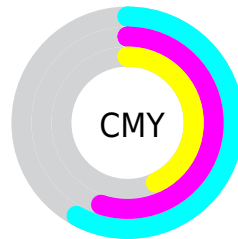


Cyan (27%)

Magenta (20%)

Yellow (0%)

Black (43%)



Cyan (58%)

Magenta (55%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6A7491 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 6A7491 by changing the saturation by 10% instead.

■ 6A7491

■ 6A7491

FFFFFF

■ 515B77

■ 9EA8C7

■ 39445E

■ B9C3E3

■ 232E47

■ D5DFFF

■ 0B1930

■ F2FCFF

■ 00011C

■ 000000

■ 6A7491

■ 6A7491

■ 5C6991

■ 797F91

■ 4D5E91

■ 878A91

■ 3F5491

■ 959491

■ 304991

■ A49F91

■ 223E91

■ B3AA91

■ 133391

■ C1B591

■ 052991

■ D0BF91

■ 002591

■ DECA91

■ EDD591

Harmonies

Analogous

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



577990



6A7491



7D6F8B

Triad

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



6A7491



916C62



597C6A

Complementary

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



6A7491



91876A

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.



6A795E



6A7491



887059

Square

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



6A7491



926A70



7A7558



4D7D79

Rectangle

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



6A7491



886C83



7A7558



5F7B66

Sweetspot

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



6A7491



AEB1BD



6A9187



55575E



DEDEDE



5E5E5E

Same Dimension

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



6A7491



8090BD



736A91



404247



002387



000208

Inverse Universe

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



916A74



BD8090



88916A



474042



870023



080002

Previews

White Background



This preview shows how the Hex color 6A7491 looks on a white background.

Color Contrast Check

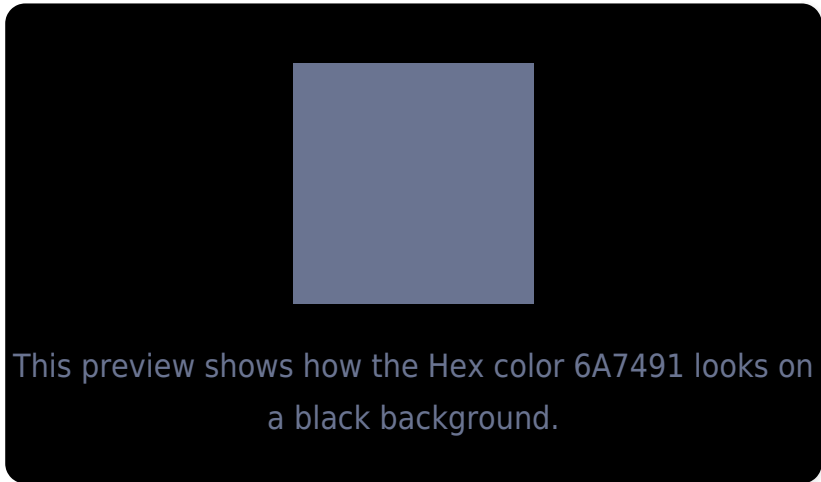
Large Text (above 18pt) WCAG AA ✓ Pass

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

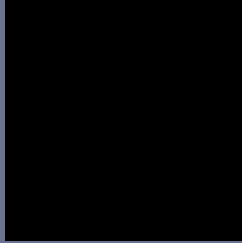
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

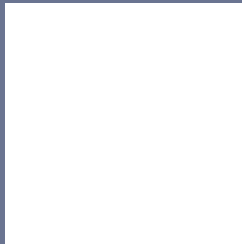
Any Text WCAG AAA × Fail

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

Hex 6A7491 Background



This preview shows how black text looks on a background with the Hex color 6A7491.

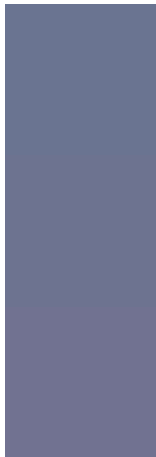


This preview shows how white text looks on a background with the Hex color 6A7491.

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
6A7491

Protanopia
6D7390

Deuteranopia
717291



Tritanopia
677780

Trichromacy



Original Color
6A7491

Protanomaly
6C7390

Deuteranomaly
6E7391

Tritanomaly
687686

Monochromacy



Original Color
6A7491

Achromatopsia
747474

Achromatomaly
70747F

CSS Examples

Text

The CSS property to change the color of the text to Hex 6A7491 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 #6A7491 looks like.

```
.text, #text, p{  
    color:#6A7491  
}
```

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 #6A7491 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A7491
}
```

Border

The CSS property to change the border of an element to Hex 6A7491 is called "border". The border property can be set on classes, ids or directly on the HTML element.

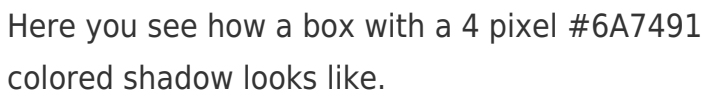
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6A7491 }
```

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

```
.border{ border-color:#6A7491 }
```

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



Here you see how a box with a 4 pixel #6A7491 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A7491; -webkit-box-shadow:4px 4px  
4px 4px #6A7491; box-shadow:4px 4px 4px  
4px #6A7491 }
```

Background

The CSS property to change the background color of an element to Hex 6A7491 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A7491 }
```

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

```
.background{ background-color:#6A7491 }
```

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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