

Converting Colors

Hex(746591)

Have a look what the booklet for
Hex(746591) contains.

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Color

Hex(746591)

Conversions

Conversions Part 1

Format	Color
Hex	746591
RGB	116, 101, 145
RGB Percent	45%, 40%, 57%
CMY	0.5451, 0.6039, 0.4314
CMYK	0.20, 0.30, 0.00, 0.43
HSL	260°, 18%, 48%
HSV	260°, 30%, 57%
XYZ	16.9670, 15.0647, 28.8016
YIQ	110.5010, -5.1840, 16.8640

Conversions

Conversions Part 2

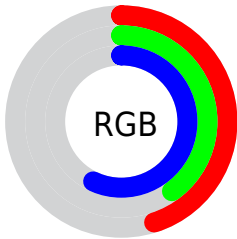
Format	Color
R_{YB}	116, 101, 145
Decimal	7628177
CIE _{Lab}	45.72, 15.48, -21.97
CIE _{LCh}	46, 26.876, 305.180
Yxy	15.0647, 0.2789, 0.2476
Android (android.graphics.Color)	4285818257 (0xFF746591)
YUV	110.5010, 17.0080, 4.8226
Hunter-Lab	38.8133, 10.1069, -16.8272

Details

The Hex color **746591** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **829165**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **A998C7**, and **43365E** is the 20% darker color. If you saturate the color by 10%, you get **6A5691**, and if you desaturate by 10%, it is **7E7491**.

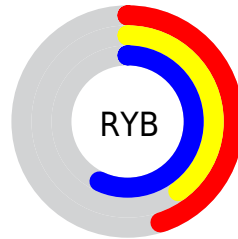
Distribution



Red (45%)

Green (40%)

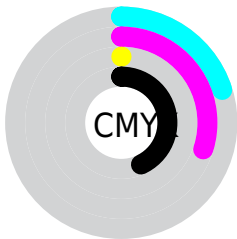
Blue (57%)



Red (45%)

Yellow (40%)

Blue (57%)

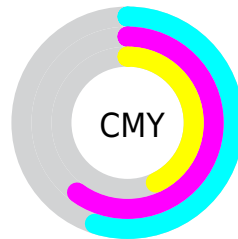


Cyan (20%)

Magenta (30%)

Yellow (0%)

Black (43%)



Cyan (55%)

Magenta (60%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Hex color 746591 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 746591 by changing the saturation by 10% instead.

■ 746591

■ 746591

FFFFFF

■ 5B4D77

■ A998C7

■ 43365E

■ C4B3E3

■ 2C2147

■ E0CEFF

■ 160B30

■ FDEBFF

■ 00011B

■ 000000

■ 746591

■ 746591

■ 6A5691

■ 7E7491

■ 614891

■ 878291

■ 573A91

■ 919191

■ 4E2B91

■ 9A9F91

■ 441D91

■ A4AE91

■ 3B0E91

■ ADBC91

■ 310091

■ B7CB91

■ C0D991

■ CAE891

Harmonies

Analogous

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



526D99



746591



8C5E80

Triad

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



746591



8B6444



257870

Complementary

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



746591



829165

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.



447759



746591



776C3F

Square

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



746591



965E53



5F7347



0C7785

Rectangle

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



746591



955B71



5F7347



307868

Sweetspot

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



746591



B2ACBD



658291



58545E



DEDEDE



5E5E5E

Same Dimension

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



746591



9079BD



8A6591



434047



2E0087



030008

Inverse Universe

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



916582



BD79A6



6C9165



474045



870059



080005

Previews

White Background



This preview shows how the Hex color 746591 looks on a white background.

Color Contrast Check

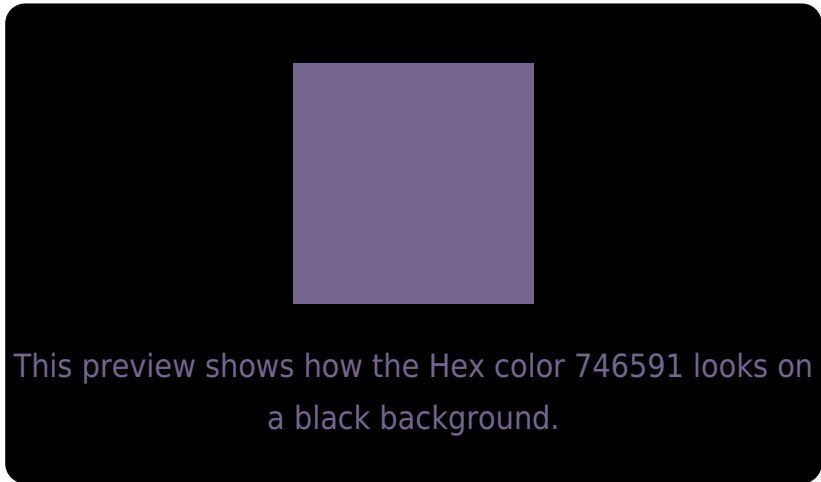
Large Text (above 18pt) WCAG AA ✓ Pass

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

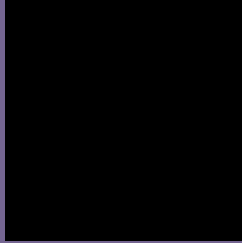
Any Text WCAG AA × Fail

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 746591 Background



This preview shows how black text looks on a background with the Hex color 746591.

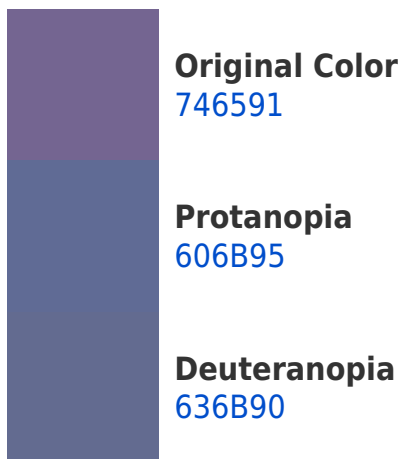



This preview shows how white text looks on a background with the Hex color 746591.

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
6F6B73

Trichromacy



Original Color
746591

Protanomaly
676994

Deuteranomaly
696990

Tritanomaly
71697E

Monochromacy



Original Color
746591

Achromatopsia
6F6F6F

Achromatomaly
716B7B

CSS Examples

Text

The CSS property to change the color of the text to Hex 746591 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 #746591 looks like.

```
.text, #text, p{  
    color:#746591  
}
```

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 #746591 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #746591
}
```

Border

The CSS property to change the border of an element to Hex 746591 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
#746591 }
```

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

```
.border{ border-color:#746591 }
```

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

Here you see how a box with a 4 pixel #746591 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #746591; -webkit-box-shadow:4px 4px  
4px 4px #746591; box-shadow:4px 4px 4px  
4px #746591 }
```

Background

The CSS property to change the background color of an element to Hex 746591 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#746591 }
```

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

```
.background{ background-color:#746591 }
```

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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