

# Converting Colors

Hex(677991)

Have a look what the booklet for  
Hex(677991) contains.

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# Color

**Hex(677991)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	677991
RGB	103, 121, 145
RGB Percent	40%, 47%, 57%
CMY	0.5961, 0.5255, 0.4314
CMYK	0.29, 0.17, 0.00, 0.43
HSL	214°, 17%, 49%
HSV	214°, 29%, 57%
XYZ	17.5417, 18.6026, 29.4542
YIQ	118.3540, -18.4320, 3.6480

# Conversions

## Conversions Part 2

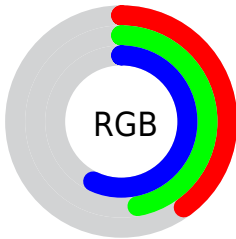
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	103, 116, 145
Decimal	6781329
CIE <sub>Lab</sub>	50.22, -0.75, -15.18
CIE <sub>LCh</sub>	50, 15.196, 267.160
Yxy	18.6026, 0.2674, 0.2836
Android (android.graphics.Color)	4284971409 (0xFF677991)
YUV	118.3540, 13.1365, -13.4655
Hunter-Lab	43.1308, -2.8811, -10.2978

# Details

The Hex color **677991** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **917F67**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **9BADC7**, and **36495F** is the 20% darker color. If you saturate the color by 10%, you get **597191**, and if you desaturate by 10%, it is **768191**.

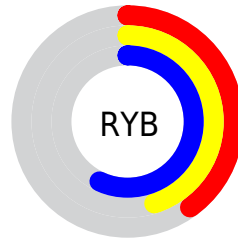
# Distribution



Red (40%)

Green (47%)

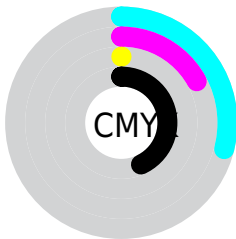
Blue (57%)



Red (40%)

Yellow (45%)

Blue (57%)

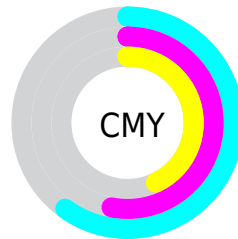


Cyan (29%)

Magenta (17%)

Yellow (0%)

Black (43%)



Cyan (60%)

Magenta (53%)

Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 677991 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 677991 by changing the saturation by 10% instead.



677991

677991

FFFFFF

4E6077

9BADC7

36495F

B6C9E3

1F3247

D2E5FF

071D30

EEFFFF

00031C

000000

677991

677991

597191

768191

4A6891

848A91

■ 3C6091

■ 939291

■ 2D5891

■ A19A91

■ 1F5091

■ B0A291

■ 104791

■ BEAB91

■ 023F91

■ CDB391

■ 003E91

■ DBBB91

■ EAC491

# Harmonies

## Analogous

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



597D8D



677991



78758E

# Triad

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



677991



926F6C



667D69

# Complementary

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



677991



917F67

# 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.



757A60



677991



8D7262

# Square

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



677991



906E79



83765E



5A7F76

# Rectangle

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



677991



837289



83765E



6B7C66



# Sweetspot

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



677991



ACB3BD



67917F



54585E



DEDEDE



5E5E5E



# Same Dimension

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



677991



7B97BD



6A6791



404347



003A87



000308



# Inverse Universe

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



916779



BD7B97



8E9167



474043



87003A



080003



# Previews

## White Background



This preview shows how the Hex color 677991 looks on a white background.

## Color Contrast Check

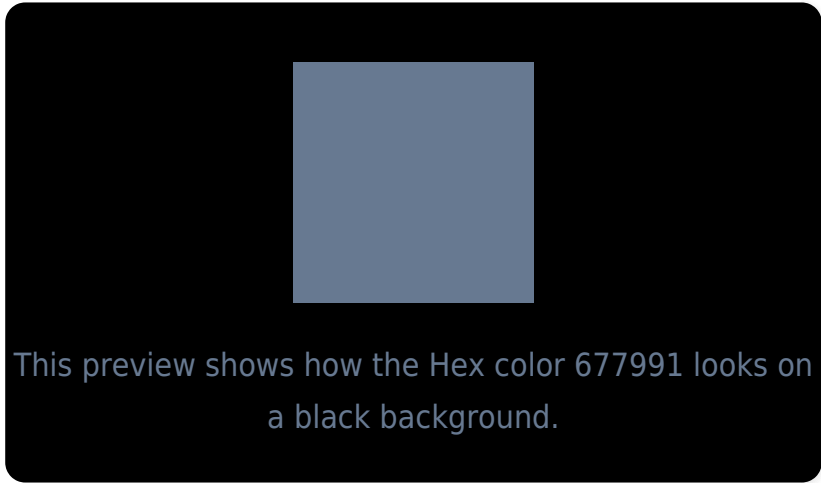
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

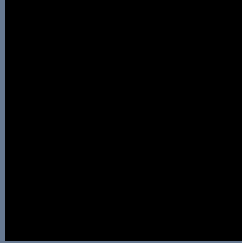
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

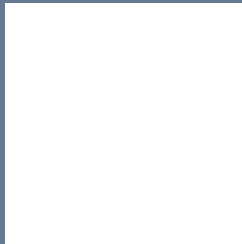
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 677991 Background



This preview shows how black text looks on a background with the Hex color 677991.



This preview shows how white text looks on a background with the Hex color 677991.

# 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**  
677991

**Protanopia**  
72768F

**Deuteranopia**  
757592



**Tritanopia**  
647B85

# Trichromacy



**Original Color**  
677991

**Protanomaly**  
6E7790

**Deuteranomaly**  
707692

**Tritanomaly**  
657A89

# Monochromacy



**Original Color**  
677991

**Achromatopsia**  
767676

**Achromatomaly**  
717780

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 677991 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 #677991 looks like.

```
.text, #text, p{  
    color:#677991  
}
```

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 #677991 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #677991
}
```

## Border

The CSS property to change the border of an element to Hex 677991 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
#677991 }
```

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

```
.border{ border-color:#677991 }
```

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

Here you see how a box with a 4 pixel #677991 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #677991; -webkit-box-shadow:4px 4px  
4px 4px #677991; box-shadow:4px 4px 4px  
4px #677991 }
```

# Background

The CSS property to change the background color of an element to Hex 677991 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#677991 }
```

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

```
.background{ background-color:#677991 }
```

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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