

Converting Colors

Hex(737591)

Have a look what the booklet for
Hex(737591) contains.

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Color

Hex(737591)

Conversions

Conversions Part 1

Format	Color
Hex	737591
RGB	115, 117, 145
RGB Percent	45%, 46%, 57%
CMY	0.5490, 0.5412, 0.4314
CMYK	0.21, 0.19, 0.00, 0.43
HSL	236°, 12%, 51%
HSV	236°, 21%, 57%
XYZ	18.5424, 18.4118, 29.3646
YIQ	119.5940, -10.1800, 8.2840

Conversions

Conversions Part 2

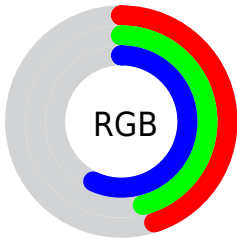
Format	Color
RYB	115, 117, 145
Decimal	7566737
CIELab	49.99, 5.54, -15.44
CIELCh	50, 16.402, 289.741
Yxy	18.4118, 0.2796, 0.2776
Android (android.graphics.Color)	4285756817 (0xFF737591)
YUV	119.5940, 12.5252, -4.0289
Hunter-Lab	42.9089, 2.0451, -10.5387

Details

The Hex color **737591** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **918F73**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **A7A9C7**, and **42455E** is the 20% darker color. If you saturate the color by 10%, you get **656791**, and if you desaturate by 10%, it is **828391**.

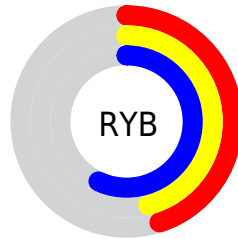
Distribution



Red (45%)

Green (46%)

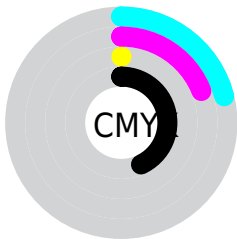
Blue (57%)



Red (45%)

Yellow (46%)

Blue (57%)

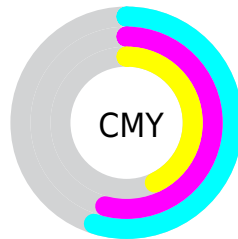


Cyan (21%)

Magenta (19%)

Yellow (0%)

Black (43%)



Cyan (55%)

Magenta (54%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Hex color 737591 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 737591 by changing the saturation by 10% instead.

■ 737591

■ 737591

FFFFFF

■ 5A5C77

■ A7A9C7

■ 42455E

■ C3C4E3

■ 2C2F47

■ DFE0FF

■ 161A30

■ FBFDFD

■ 00001C

■ 000000

■ 737591

■ 737591

■ 656791

■ 828391

■ 565A91

■ 909091

■ 484C91

■ 9F9E91

■ 393F91

■ ADAB91

■ 2B3191

■ BBB991

■ 1C2491

■ CAC691

■ 0D1691

■ D9D491

■ 000A91

■ E7E191

■ F5EF91

Harmonies

Analogous

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



607A92



737591



847089

Triad

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



737591



907062



597F71

Complementary

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



737591



918F73

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.



687D65



737591



86745C

Square

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



737591



946D6E



78795D



517F80

Rectangle

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



737591



8D6E81



78795D



5E7E6D

Sweetspot

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



737591



B1B2BD



73918F



58585E



DEDEDE



5E5E5E

Same Dimension

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



737591



8E91BD



807391



404147



000987



000108

Inverse Universe

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



917375



BD8E91



849173



474041



870009



080001

Previews

White Background



This preview shows how the Hex color 737591 looks on a white background.

Color Contrast Check

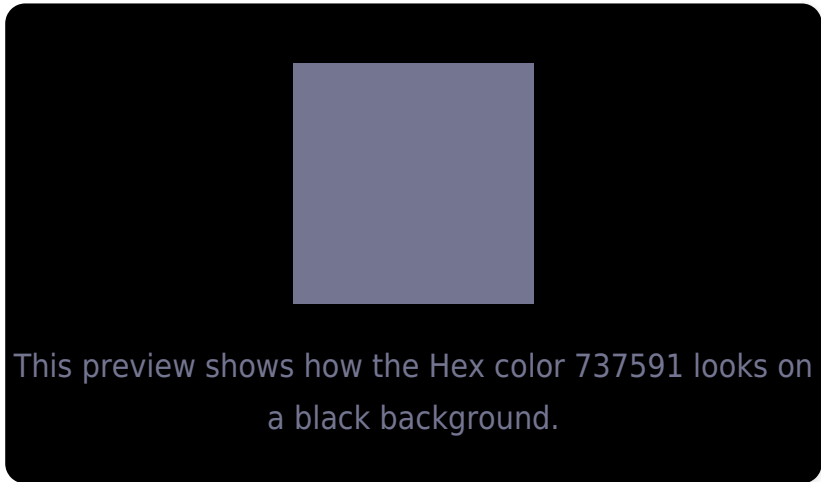
Large Text (above 18pt) WCAG AA ✓ Pass

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

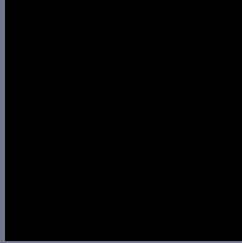
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

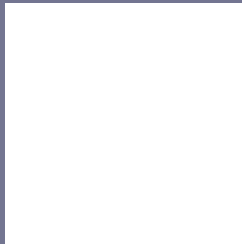
Any Text WCAG AAA × Fail

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

Hex 737591 Background



This preview shows how black text looks on a background with the Hex color 737591.



This preview shows how white text looks on a background with the Hex color 737591.

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
737591

Protanopia
717691

Deuteranopia
757491



Tritanopia
707881

Trichromacy



Original Color
737591

Protanomaly
727691

Deuteranomaly
747491

Tritanomaly
717787

Monochromacy



Original Color
737591

Achromatopsia
787878

Achromatomaly
767781

CSS Examples

Text

The CSS property to change the color of the text to Hex 737591 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 #737591 looks like.

```
.text, #text, p{  
    color:#737591  
}
```

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 #737591 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #737591
}
```

Border

The CSS property to change the border of an element to Hex 737591 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
#737591 }
```

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

```
.border{ border-color:#737591 }
```

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

Here you see how a box with a 4 pixel #737591 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #737591; -webkit-box-shadow:4px 4px  
4px 4px #737591; box-shadow:4px 4px 4px  
4px #737591 }
```

Background

The CSS property to change the background color of an element to Hex 737591 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#737591 }
```

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

```
.background{ background-color:#737591 }
```

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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