

Converting Colors

Hex(755187)

Have a look what the booklet for
Hex(755187) contains.

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Color

Hex(755187)

Conversions

Conversions Part 1

Format	Color
Hex	755187
RGB	117, 81, 135
RGB Percent	46%, 32%, 53%
CMY	0.5412, 0.6824, 0.4706
CMYK	0.13, 0.40, 0.00, 0.47
HSL	280°, 25%, 42%
HSV	280°, 40%, 53%
XYZ	14.6517, 11.4160, 24.3530
YIQ	97.9200, 4.1220, 24.4260

Conversions

Conversions Part 2

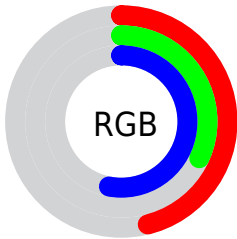
Format	Color
R_{YB}	117, 81, 135
Decimal	7688583
CIE _{Lab}	40.27, 25.54, -24.38
CIE _{LCh}	40, 35.309, 316.330
Yxy	11.4160, 0.2906, 0.2264
Android (android.graphics.Color)	4285878663 (0xFF755187)
YUV	97.9200, 18.2804, 16.7332
Hunter-Lab	33.7876, 18.2767, -19.0828

Details

The Hex color **755187** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **638751**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **AA83BC**, and **432355** is the 20% darker color. If you saturate the color by 10%, you get **714487**, and if you desaturate by 10%, it is **7A5E87**.

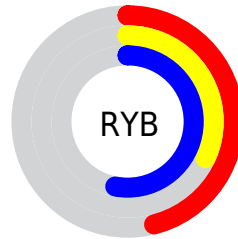
Distribution



Red (46%)

Green (32%)

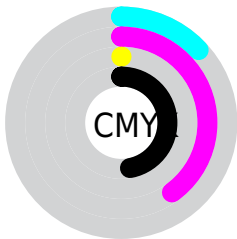
Blue (53%)



Red (46%)

Yellow (32%)

Blue (53%)

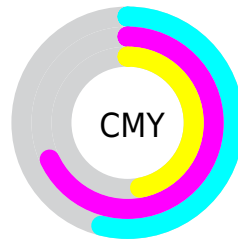


Cyan (13%)

Magenta (40%)

Yellow (0%)

Black (47%)



Cyan (54%)

Magenta (68%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 755187 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 755187 by changing the saturation by 10% instead.

755187

755187

FFFFFF

5C396E

AA83BC

432355

C69DD8

2C0D3E

E2B8F5

1B0028

FFD4FF

000111

FFF1FF

000000

755187

755187

714487

7A5E87

6C3687

7E6C87

682987

837A87

631B87

878787

5F0D87

8B9587

5A0087

90A287

94B087

99BD87

9DCB87

Harmonies

Analogous

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



4A5C96



755187



8D486D

Triad

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



755187



7B5925



006D6E

Complementary

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



755187



638751

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.



006D50



755187



606225

Square

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



755187



8D4E36



3F6935



006B88

Rectangle

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



755187



94465A



3F6935



006D64

Sweetspot

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



755187



A99BB0



516387



554D59



D9D9D9



595959

Same Dimension

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



755187



945BB0



87517E



403C42



570082



020003

Inverse Universe

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



875163



B05B78



51875A



423C3E



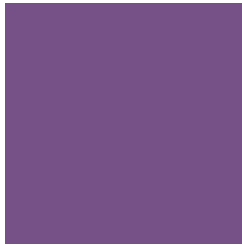
82002B



030001

Previews

White Background



This preview shows how the Hex color 755187 looks on a white background.

Color Contrast Check

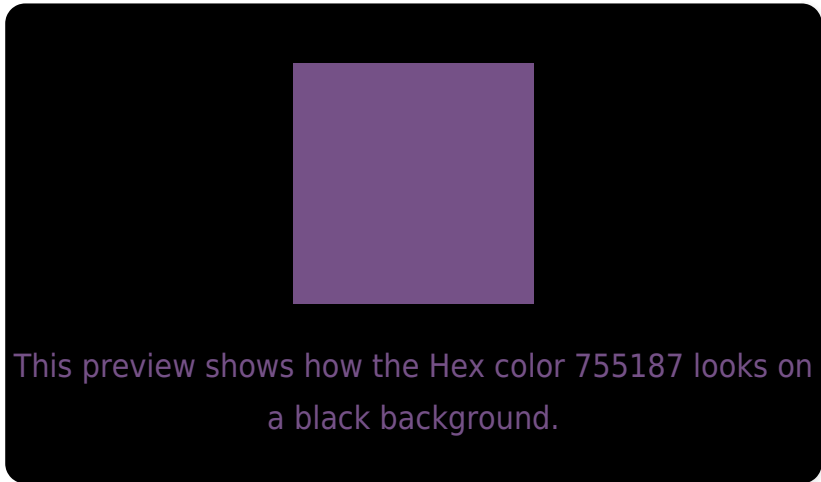
Large Text (above 18pt) WCAG AA ✓ Pass

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

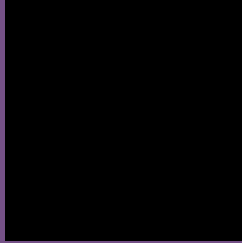
Any Text WCAG AA × Fail

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 755187 Background



This preview shows how black text looks on a background with the Hex color 755187.



This preview shows how white text looks on a background with the Hex color 755187.

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
6F5960

Trichromacy



Original Color
755187

Protanomaly
5C598D

Deuteranomaly
5F5985

Tritanomaly
71566E

Monochromacy



Original Color
755187

Achromatopsia
626262

Achromatomaly
695C6F

CSS Examples

Text

The CSS property to change the color of the text to Hex 755187 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 #755187 looks like.

```
.text, #text, p{  
    color:#755187  
}
```

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 #755187 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #755187
}
```

Border

The CSS property to change the border of an element to Hex 755187 is called "border". The border property can be set on classes, ids or directly on the HTML element.

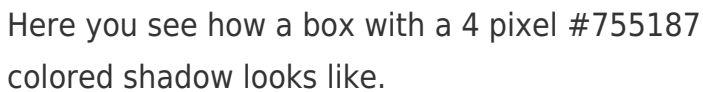
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#755187 }
```

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

```
.border{ border-color:#755187 }
```

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



Here you see how a box with a 4 pixel #755187 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #755187; -webkit-box-shadow:4px 4px  
4px 4px #755187; box-shadow:4px 4px 4px  
4px #755187 }
```

Background

The CSS property to change the background color of an element to Hex 755187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#755187 }
```

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

```
.background{ background-color:#755187 }
```

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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