

Converting Colors

Hex(731188)

Have a look what the booklet for
Hex(731188) contains.

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Color

Hex(731188)

Conversions

Conversions Part 1

Format	Color
Hex	731188
RGB	115, 17, 136
RGB Percent	45%, 7%, 53%
CMY	0.5490, 0.9333, 0.4667
CMYK	0.15, 0.88, 0.00, 0.47
HSL	289°, 78%, 30%
HSV	289°, 88%, 53%
XYZ	11.7146, 5.8233, 23.7991
YIQ	59.8680, 20.2090, 57.7850

Conversions

Conversions Part 2

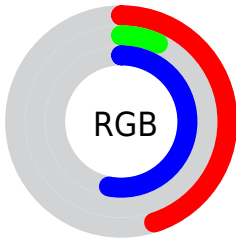
Format	Color
R_{YB}	115, 17, 136
Decimal	7541128
CIE _{Lab}	28.96, 55.03, -42.95
CIE _{LCh}	29, 69.806, 322.024
Yxy	5.8233, 0.2834, 0.1409
Android (android.graphics.Color)	4285731208 (0xFF731188)
YUV	59.8680, 37.5331, 48.3508
Hunter-Lab	24.1315, 44.4224, -41.5812

Details

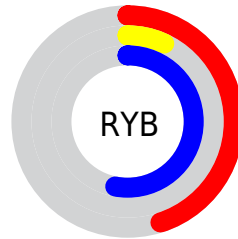
The Hex color **731188** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **268811**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **AA4DBE**, and **3E0055** is the 20% darker color. If you saturate the color by 10%, you get **710388**, and if you desaturate by 10%, it is **751F88**.

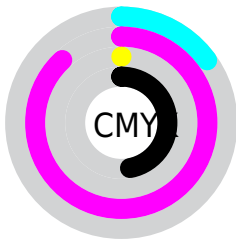
Distribution



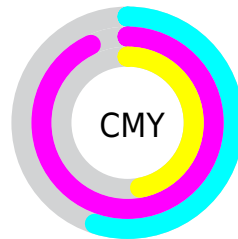
- Red (45%)
- Green (7%)
- Blue (53%)



- Red (45%)
- Yellow (7%)
- Blue (53%)



- Cyan (15%)
- Magenta (88%)
- Yellow (0%)
- Black (47%)



- Cyan (55%)
- Magenta (93%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 731188 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 731188 by changing the saturation by 10% instead.

731188

731188

FFFFFF

58006E

AA4DBE

3E0055

C767DA

27003E

E482F7

000026

FF9EFF

00010F

FFBAFF

000000

FFD6FF

FFF4FF

731188

731188

710388

751F88

700088

782C88

7A3A88

7D4788

7F5588

816388

847088

867E88

898B88

Harmonies

Analogous

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



003DAB



731188



980055

Triad

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



731188



603D00



00596C

Complementary

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



731188



268811

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.



005834



731188



2D4D00

Square

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



731188



861C00



005500



00589A

Rectangle

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



731188



9D0032



005500



00595A

Sweetspot

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



731188



A882B0



112788



543E59



D9D9D9



595959

Same Dimension

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



731188



9100B0



881162



443E45



6D0085



040005

Inverse Universe

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



881126



B0001F



118837



453E3F



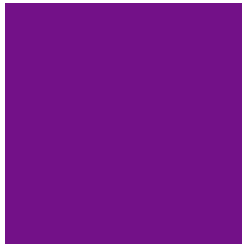
850017



050001

Previews

White Background



This preview shows how the Hex color 731188 looks on a white background.

Color Contrast Check

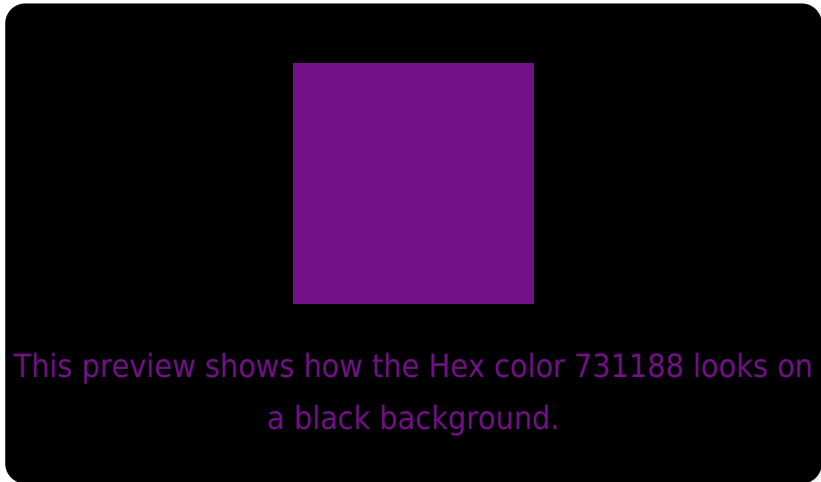
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

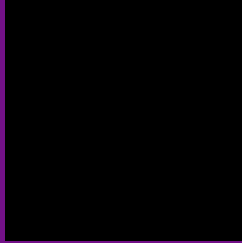
Any Text WCAG AA × Fail

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 731188 Background



This preview shows how black text looks on a background with the Hex color 731188.



This preview shows how white text looks on a background with the Hex color 731188.

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
731188

Protanopia
00448F

Deuteranopia
00477E



Tritanopia
69373B

Trichromacy



Original Color
731188

Protanomaly
2A318C

Deuteranomaly
2A3382

Tritanomaly
6D2957

Monochromacy



Original Color
731188

Achromatopsia
3C3C3C

Achromatomaly
502C58

CSS Examples

Text

The CSS property to change the color of the text to Hex 731188 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 #731188 looks like.

```
.text, #text, p{  
    color:#731188  
}
```

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 #731188 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #731188
}
```

Border

The CSS property to change the border of an element to Hex 731188 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".

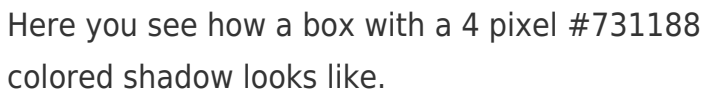
```
.border, #border, table{ border:4px solid
#731188 }
```

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

```
.border{ border-color:#731188 }
```

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

Here you see how a box with a 4 pixel #731188 colored shadow looks like.

A rectangular box with a purple border and a purple shadow. The box is white with a purple border and a purple shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #731188; -webkit-box-shadow:4px 4px  
4px 4px #731188; box-shadow:4px 4px 4px  
4px #731188 }
```

Background

The CSS property to change the background color of an element to Hex 731188 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#731188 }
```

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

```
.background{ background-color:#731188 }
```

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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