

# Converting Colors

Hex(725276)

Have a look what the booklet for  
Hex(725276) contains.

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# Color

**Hex(725276)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	725276
RGB	114, 82, 118
RGB Percent	45%, 32%, 46%
CMY	0.5529, 0.6784, 0.5373
CMYK	0.03, 0.31, 0.00, 0.54
HSL	293°, 18%, 39%
HSV	293°, 31%, 46%
XYZ	13.2267, 10.9200, 18.5502
YIQ	95.6720, 7.5160, 17.9800

# Conversions

## Conversions Part 2

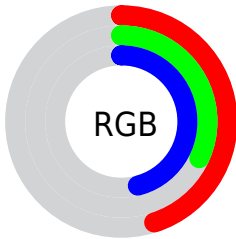
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	114, 82, 118
Decimal	7492214
CIE <sub>Lab</sub>	39.45, 20.12, -15.28
CIE <sub>LCh</sub>	39, 25.259, 322.784
Yxy	10.9200, 0.3098, 0.2558
Android (android.graphics.Color)	4285682294 (0xFF725276)
YUV	95.6720, 11.0077, 16.0737
Hunter-Lab	33.0454, 13.6168, -10.1509

# Details

The Hex color **725276** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **567652**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **A684AA**, and **412446** is the 20% darker color. If you saturate the color by 10%, you get **714676**, and if you desaturate by 10%, it is **735E76**.

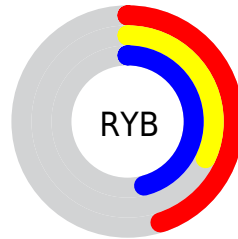
# Distribution



Red (45%)

Green (32%)

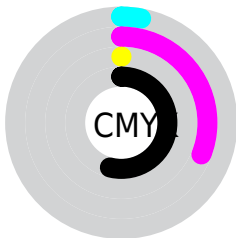
Blue (46%)



Red (45%)

Yellow (32%)

Blue (46%)

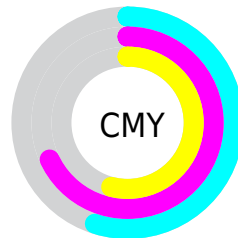


Cyan (3%)

Magenta (31%)

Yellow (0%)

Black (54%)



Cyan (55%)

Magenta (68%)

Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 725276 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 725276 by changing the saturation by 10% instead.



 725276

 725276

FFFFFF

 593B5D

 A684AA

 412446

 C29EC6

 2A0F2F

 DEB9E2

 18001B


 FBD5FE

 000000

 FFF1FF

 725276

 725276

 714676

 735E76

 6F3A76

 756A76

6E2F76

767576

6D2376

778176

6B1776

798D76

6A0B76

7A9976

690076

7BA576

7CB076

7EBC76

# Harmonies

## Analogous

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



585983



725276



814D63

# Triad

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



725276



6F5A34



00686C

# Complementary

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



725276



567652

# 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.



266857



725276



5A6136

# Square

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



725276



7E533D



436543



09657D

# Rectangle

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



725276



854D55



436543



0E6865



# Sweetspot

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



725276



978B99



525676



4C444D



CCCCCC



4D4D4D



# Same Dimension

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



725276



936099



765268



3A353B



6D007A



DE00FA



# Inverse Universe

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



765256



996067



527660



3B3535



7A000E



FA001C



# Previews

## White Background



This preview shows how the Hex color 725276 looks on a white background.

## Color Contrast Check

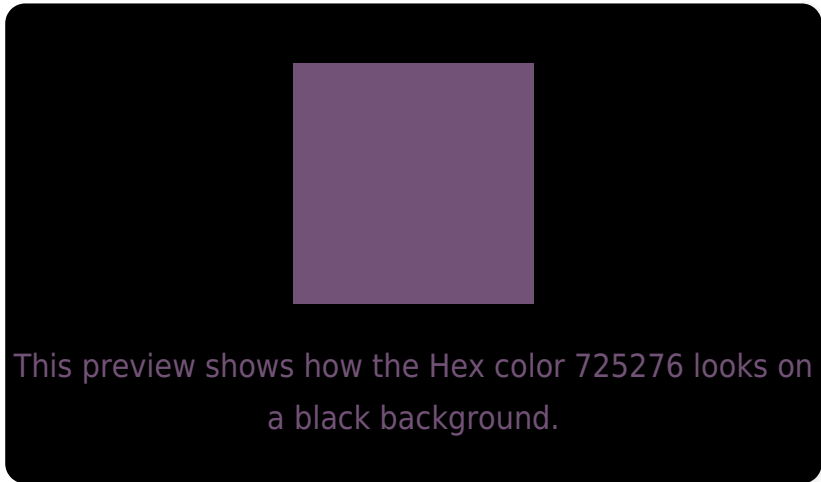
Large Text (above 18pt) WCAG AA ✓ Pass

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

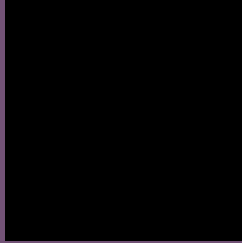
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 725276 Background



This preview shows how black text looks on a background with the Hex color 725276.



This preview shows how white text looks on a background with the Hex color 725276.

# 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**  
6F575D

# Trichromacy



**Original Color**  
725276

**Protanomaly**  
5F587A

**Deuteranomaly**  
635875

**Tritanomaly**  
705566

# Monochromacy



**Original Color**  
725276

**Achromatopsia**  
606060

**Achromatomaly**  
675B68

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 725276 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 #725276 looks like.

```
.text, #text, p{  
    color:#725276  
}
```

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 #725276 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #725276
}
```

## Border

The CSS property to change the border of an element to Hex 725276 is called "border". The border property can be set on classes, ids or directly on the HTML element.

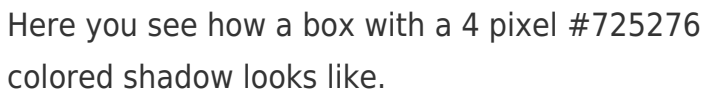
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#725276 }
```

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

```
.border{ border-color:#725276 }
```

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



Here you see how a box with a 4 pixel #725276 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #725276; -webkit-box-shadow:4px 4px  
4px 4px #725276; box-shadow:4px 4px 4px  
4px #725276 }
```

# Background

The CSS property to change the background color of an element to Hex 725276 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#725276 }
```

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

```
.background{ background-color:#725276 }
```

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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