

Converting Colors

Hex(7F4268)

Have a look what the booklet for
Hex(7F4268) contains.

Hex(7F4268)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(7F4268)

Conversions

Conversions Part 1

Format	Color
Hex	7F4268
RGB	127, 66, 104
RGB Percent	50%, 26%, 41%
CMY	0.5020, 0.7412, 0.5922
CMYK	0.00, 0.48, 0.18, 0.50
HSL	323°, 32%, 38%
HSV	323°, 48%, 50%
XYZ	13.1993, 9.4079, 14.2169
YIQ	88.5710, 24.1580, 24.7500

Conversions

Conversions Part 2

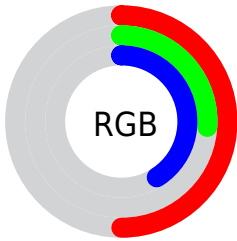
Format	Color
RYB	127, 66, 104
Decimal	8340072
CIELab	36.76, 31.52, -10.50
CIElCh	37, 33.223, 341.573
Yxy	9.4079, 0.3584, 0.2555
Android (android.graphics.Color)	4286530152 (0xFF7F4268)
YUV	88.5710, 7.6065, 33.7022
Hunter-Lab	30.6724, 23.1377, -6.0108

Details

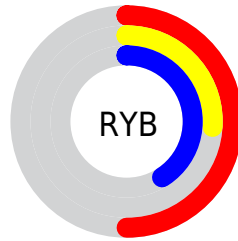
The Hex color **7F4268** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **427F59**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **B5749B**, and **4C1239** is the 20% darker color. If you saturate the color by 10%, you get **7F3563**, and if you desaturate by 10%, it is **7F4F6D**.

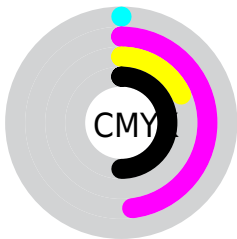
Distribution



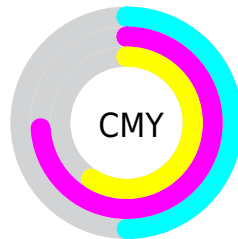
- Red (50%)
- Green (26%)
- Blue (41%)



- Red (50%)
- Yellow (26%)
- Blue (41%)



- Cyan (0%)
- Magenta (48%)
- Yellow (18%)
- Black (50%)



- Cyan (50%)
- Magenta (74%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7F4268 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 7F4268 by changing the saturation by 10% instead.

 7F4268

 7F4268

FFFFFF

 652A50

 B5749B

 4C1239

 D18EB6

 340023

 EEA9D2

 1D000D

 FFC4EE

 000000

 FFE1FF

FFFEFF

 7F4268

 7F4268

 7F3563

 7F4F6D

■ 7F295E

■ 7F5B72

■ 7F1C5A

■ 7F6876

■ 7F0F55

■ 7F757B

■ 7F0350

■ 7F8280

■ 7F004F

■ 7F8E85

■ 7F9B8A

■ 7FA88E

■ 7FB493

Harmonies

Analogous

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



664B7F



7F4268



883F4D

Triad

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



7F4268



5C581F



006279

Complementary

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



7F4268



427F59

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.



006460



7F4268



3F5F2D

Square

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



7F4268



734F23



106345



005E89

Rectangle

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



7F4268



87433C



106345



006372

Sweetspot

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



7F4268



A68F9D



58427F



54464F



D4D4D4



545454

Same Dimension

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



7F4268



A64682



7F424A



40393D



80004F



000000

Inverse Universe

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



7F4268



A64682



427F77



40393D



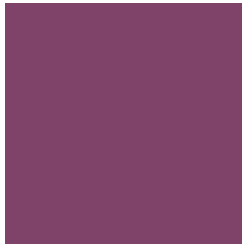
80004F



000000

Previews

White Background



This preview shows how the Hex color 7F4268 looks on a white background.

Color Contrast Check

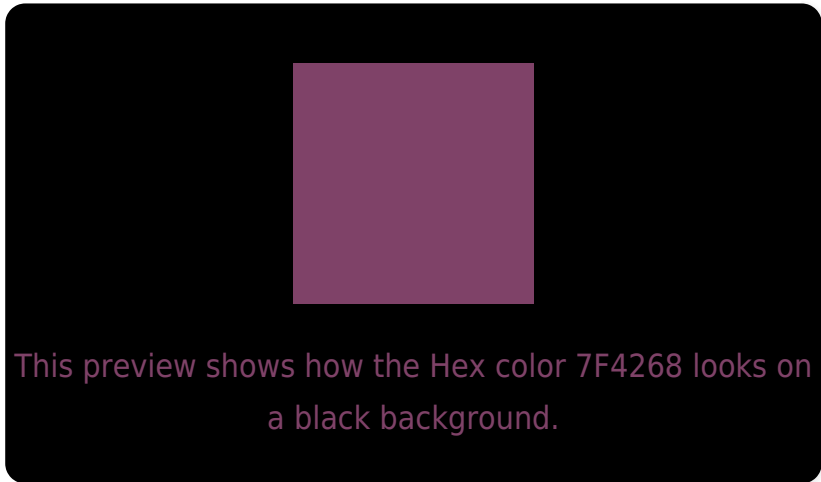
Large Text (above 18pt) WCAG AA ✓ Pass

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

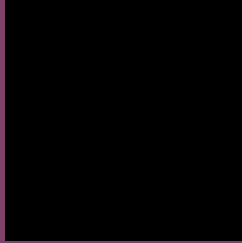
Any Text WCAG AA × Fail

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 7F4268 Background



This preview shows how black text looks on a background with the Hex color 7F4268.




This preview shows how white text looks on a background with the Hex color 7F4268.

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
7C484D

Trichromacy



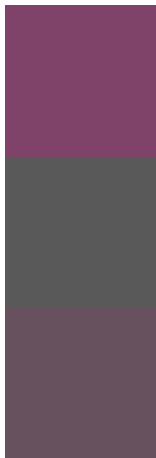
Original Color
7F4268

Protanomaly
604F71

Deuteranomaly
674E66

Tritanomaly
7D4657

Monochromacy



Original Color
7F4268

Achromatopsia
595959

Achromatomaly
67515E

CSS Examples

Text

The CSS property to change the color of the text to Hex 7F4268 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 #7F4268 looks like.

```
.text, #text, p{  
    color:#7F4268  
}
```

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 #7F4268 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7F4268
}
```

Border

The CSS property to change the border of an element to Hex 7F4268 is called "border". The border property can be set on classes, ids or directly on the HTML element.

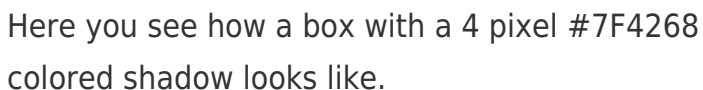
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7F4268 }
```

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

```
.border{ border-color:#7F4268 }
```

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



Here you see how a box with a 4 pixel #7F4268 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7F4268; -webkit-box-shadow:4px 4px  
4px 4px #7F4268; box-shadow:4px 4px 4px  
4px #7F4268 }
```

Background

The CSS property to change the background color of an element to Hex 7F4268 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7F4268 }
```

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

```
.background{ background-color:#7F4268 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor