

Converting Colors

Hex(744568)

Have a look what the booklet for
Hex(744568) contains.

Hex(744568)	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(744568)

Conversions

Conversions Part 1

Format	Color
Hex	744568
RGB	116, 69, 104
RGB Percent	45%, 27%, 41%
CMY	0.5451, 0.7294, 0.5922
CMYK	0.00, 0.41, 0.10, 0.55
HSL	315°, 25%, 36%
HSV	315°, 41%, 45%
XYZ	11.8293, 8.9687, 14.2044
YIQ	87.0430, 16.7770, 20.8490

Conversions

Conversions Part 2

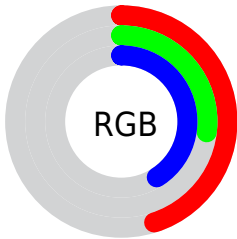
Format	Color
R _Y B	116, 69, 104
Decimal	7619944
CIE Lab	35.92, 25.83, -11.91
CIE LCh	36, 28.441, 335.244
Yxy	8.9687, 0.3380, 0.2562
Android (android.graphics.Color)	4285810024 (0xFF744568)
YUV	87.0430, 8.3598, 25.3953
Hunter-Lab	29.9478, 18.0981, -7.1580

Details

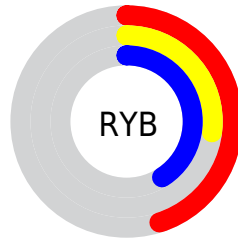
The Hex color **744568** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **457451**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **A9769B**, and **421739** is the 20% darker color. If you saturate the color by 10%, you get **743965**, and if you desaturate by 10%, it is **74516B**.

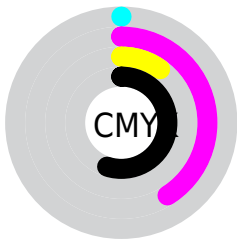
Distribution



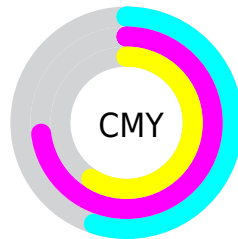
- Red (45%)
- Green (27%)
- Blue (41%)



- Red (45%)
- Yellow (27%)
- Blue (41%)



- Cyan (0%)
- Magenta (41%)
- Yellow (10%)
- Black (55%)



- Cyan (55%)
- Magenta (73%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 744568 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 744568 by changing the saturation by 10% instead.

 744568

 744568

FFFFFF

 5B2E50

 A9769B

 421739

 C590B6

 2B0123

 E1ABD2

 0F000C

 FEC7EE

 000000

 FFE3FF

 744568

 744568

 743965

 74516B

 742E62

 745C6E

 74225F

 746871

 74175C

 747374

 740B59

 747F77

 740056

 748B7A

 74967D

 74A280

 74AD83

Harmonies

Analogous

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



5C4D7A



744568



7F4251

Triad

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



744568



5F5526



005F6E

Complementary

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



744568



457451

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.



006058



744568



475B2E

Square

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



744568



724C2B



285F41



005C7D

Rectangle

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



744568



7F4342



285F41



006067

Sweetspot

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



744568



968492



514574



4D424A



CCCCCC



4D4D4D

Same Dimension

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



744568



964D84



744551



3B3539



7A005B



FA00BA

Inverse Universe

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



744568



964D84



457468



3B3539



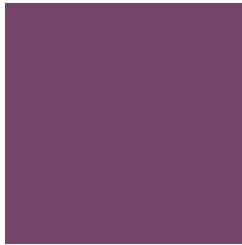
7A005B



FA00BA

Previews

White Background



This preview shows how the Hex color 744568 looks on a white background.

Color Contrast Check

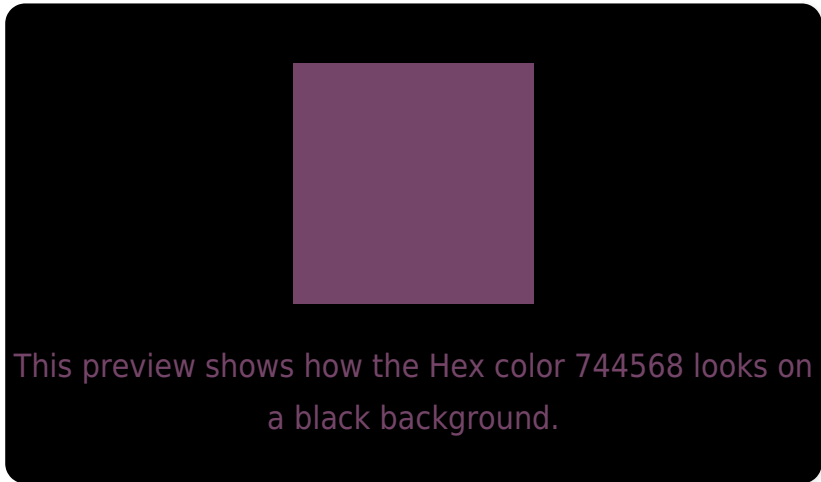
Large Text (above 18pt) WCAG AA ✓ Pass

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

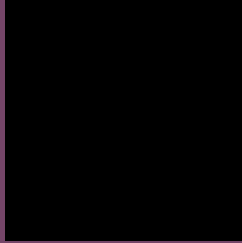
Any Text WCAG AA × Fail

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 744568 Background



This preview shows how black text looks on a background with the Hex color 744568.




This preview shows how white text looks on a background with the Hex color 744568.

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
714A50

Trichromacy



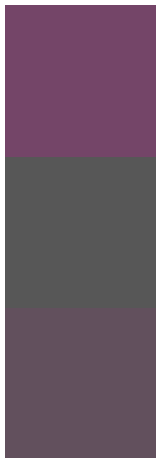
Original Color
744568

Protanomaly
5B4F6F

Deuteranomaly
604E67

Tritanomaly
724859

Monochromacy



Original Color
744568

Achromatopsia
575757

Achromatomaly
62505D

CSS Examples

Text

The CSS property to change the color of the text to Hex 744568 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 #744568 looks like.

```
.text, #text, p{  
  color:#744568  
}
```

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 #744568 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #744568
}
```

Border

The CSS property to change the border of an element to Hex 744568 is called "border". The border property can be set on classes, ids or directly on the HTML element.

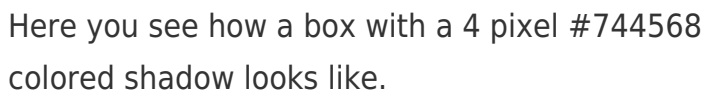
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#744568 }
```

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

```
.border{ border-color:#744568 }
```

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



Here you see how a box with a 4 pixel #744568 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #744568; -webkit-box-shadow:4px 4px  
4px 4px #744568; box-shadow:4px 4px 4px  
4px #744568 }
```

Background

The CSS property to change the background color of an element to Hex 744568 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#744568 }
```

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

```
.background{ background-color:#744568 }
```

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