

Converting Colors

Hex(744051)

Have a look what the booklet for
Hex(744051) contains.

Hex(744051)	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(744051)

Conversions

Conversions Part 1

Format	Color
Hex	744051
RGB	116, 64, 81
RGB Percent	45%, 25%, 32%
CMY	0.5451, 0.7490, 0.6824
CMYK	0.00, 0.45, 0.30, 0.55
HSL	340°, 29%, 35%
HSV	340°, 45%, 45%
XYZ	10.5211, 7.9739, 8.7692
YIQ	81.4860, 25.5350, 16.3110

Conversions

Conversions Part 2

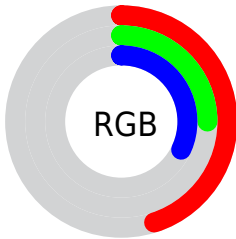
Format	Color
R_{YB}	116, 64, 81
Decimal	7618641
CIE Lab	33.93, 24.86, -0.29
CIE LCh	34, 24.866, 359.340
Yxy	7.9739, 0.3859, 0.2925
Android (android.graphics.Color)	4285808721 (0xFF744051)
YUV	81.4860, -0.2396, 30.2688
Hunter-Lab	28.2381, 17.0897, 1.3545

Details

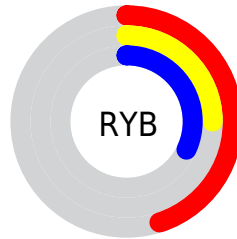
The Hex color **744051** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **407463**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **AA7182**, and **421225** is the 20% darker color. If you saturate the color by 10%, you get **743449**, and if you desaturate by 10%, it is **744C59**.

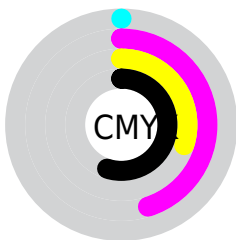
Distribution



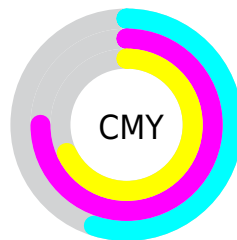
- Red (45%)
- Green (25%)
- Blue (32%)



- Red (45%)
- Yellow (25%)
- Blue (32%)



- Cyan (0%)
- Magenta (45%)
- Yellow (30%)
- Black (55%)



- Cyan (55%)
- Magenta (75%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color 744051 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 744051 by changing the saturation by 10% instead.

■ 744051

■ 744051

FFFFFF

■ 5A293A

■ AA7182

■ 421225

■ C58B9C

■ 2B000F

■ E2A5B7

■ 000000

■ FFC1D3

■ FFDDEF

■ FFF9FF

■ 744051

■ 744051

■ 743449

■ 744C59

742941

745761

741D3A

746368

741232

746E70

74062A

747A78

740026

748680

749188

749D8F

74A897

Harmonies

Analogous

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



684464



744051



75423E

Triad

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



744051



48542D



005771

Complementary

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



744051



407463

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.



005A62



744051



30583B

Square

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



744051



5D4E28



0E5A4F



305277

Rectangle

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



744051



704533



0E5A4F



00586D

Sweetspot

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



744051



968389



634074



4D4044



CCCCCC



4D4D4D

Same Dimension

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



744051



964560



744940



3B3537



7A0028



FA0052

Inverse Universe

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



744051



964560



406B74



3B3537



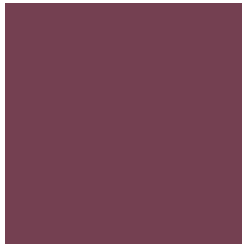
7A0028



FA0052

Previews

White Background



This preview shows how the Hex color 744051 looks on a white background.

Color Contrast Check

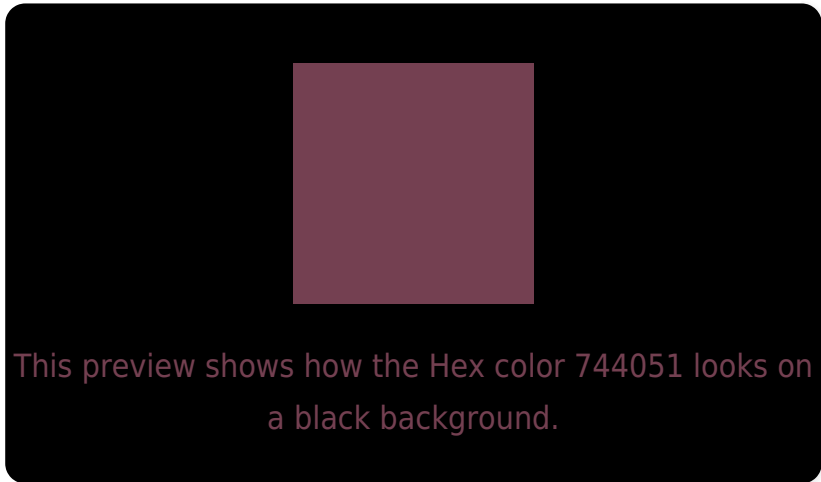
Large Text (above 18pt) WCAG AA ✓ Pass

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

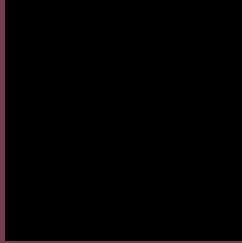
Any Text WCAG AA × Fail

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 744051 Background



This preview shows how black text looks on a background with the Hex color 744051.



This preview shows how white text looks on a background with the Hex color 744051.

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

744051

Protanopia

4F505A

Deuteranopia

594E4F



Tritanopia
734247

Trichromacy



Original Color
744051

Protanomaly
5C4A57

Deuteranomaly
634950

Tritanomaly
73414B

Monochromacy



Original Color
744051

Achromatopsia
515151

Achromatomaly
5E4B51

CSS Examples

Text

The CSS property to change the color of the text to Hex 744051 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 #744051 looks like.

```
.text, #text, p{  
    color:#744051  
}
```

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 #744051 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #744051
}
```

Border

The CSS property to change the border of an element to Hex 744051 is called "border". The border property can be set on classes, ids or directly on the HTML element.

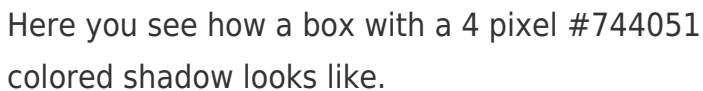
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#744051 }
```

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

```
.border{ border-color:#744051 }
```

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



Here you see how a box with a 4 pixel #744051 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #744051; -webkit-box-shadow:4px 4px  
4px 4px #744051; box-shadow:4px 4px 4px  
4px #744051 }
```

Background

The CSS property to change the background color of an element to Hex 744051 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#744051 }
```

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

```
.background{ background-color:#744051 }
```

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