

Converting Colors

Hex(764236)

Have a look what the booklet for
Hex(764236) contains.

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Color

Hex(764236)

Conversions

Conversions Part 1

Format	Color
Hex	764236
RGB	118, 66, 54
RGB Percent	46%, 26%, 21%
CMY	0.5373, 0.7412, 0.7882
CMYK	0.00, 0.44, 0.54, 0.54
HSL	11°, 37%, 34%
HSV	11°, 54%, 46%
XYZ	10.0853, 8.0143, 4.5054
YIQ	80.1800, 34.8440, 7.2920

Conversions

Conversions Part 2

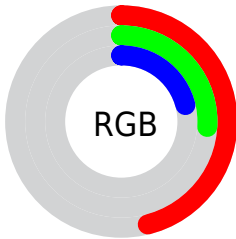
Format	Color
RYB	118, 69, 54
Decimal	7750198
CIELab	34.01, 21.14, 17.05
CIELCh	34, 27.161, 38.892
Yxy	8.0143, 0.4462, 0.3545
Android (android.graphics.Color)	4285940278 (0xFF764236)
YUV	80.1800, -12.9067, 33.1681
Hunter-Lab	28.3096, 14.0488, 10.3809

Details

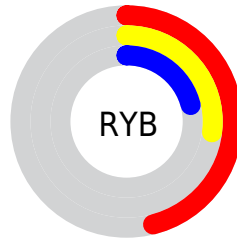
The Hex color **764236** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **366A76**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **AD7365**, and **42150A** is the 20% darker color. If you saturate the color by 10%, you get **76382A**, and if you desaturate by 10%, it is **764C42**.

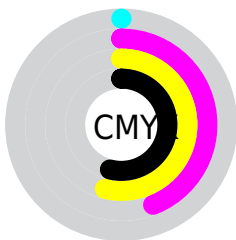
Distribution



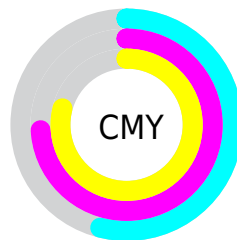
- Red (46%)
- Green (26%)
- Blue (21%)



- Red (46%)
- Yellow (27%)
- Blue (21%)



- Cyan (0%)
- Magenta (44%)
- Yellow (54%)
- Black (54%)



- Cyan (54%)
- Magenta (74%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color 764236 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 764236 by changing the saturation by 10% instead.

 764236

 764236

FFFFFF

 5C2B21

 AD7365

 42150A

 C98D7E

 2B0000

 E6A798

 000000

 FFC2B3

 FFDECE

 FFFBEA

 764236

 764236

 76382A

 764C42

 762F1E

 76554E

 762513

 765F59

 761C07

 766865

 761600

 767271

 767C7D

 768589

 768F94

 7698A0

Harmonies

Analogous

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



793E4A



764236



6A4928

Triad

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



764236



225A40



39507A

Complementary

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



764236



366A76

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.



005678



764236



005B56

Square

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



764236



40572D



005A6A



5A4872

Rectangle

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



764236



5E4E24



005A6A



2A527B

Sweetspot

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



764236



998581



76366A



4D413E



CCCCCC



4D4D4D

Same Dimension

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



764236



994836



766236



3B3635



7A1700



FA2F00

Inverse Universe

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



366A76



368699



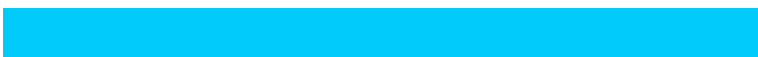
364A76



353A3B



00637A



00CBFA

Previews

White Background



This preview shows how the Hex color 764236 looks on a white background.

Color Contrast Check

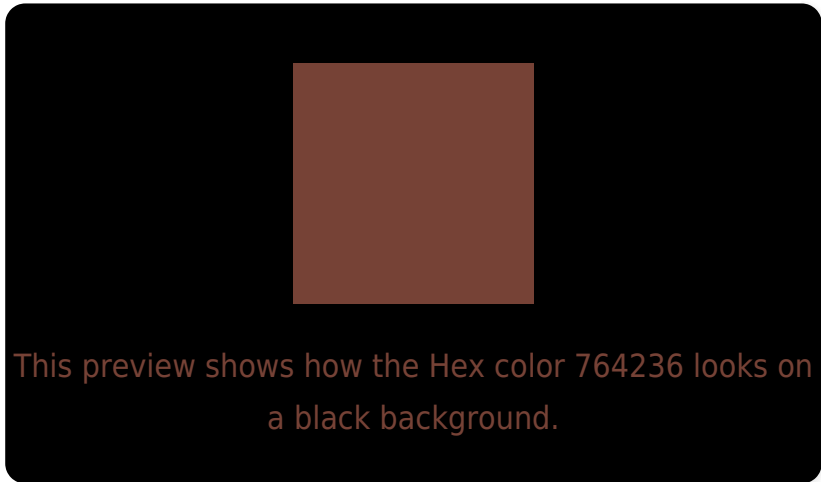
Large Text (above 18pt) WCAG AA ✓ Pass

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

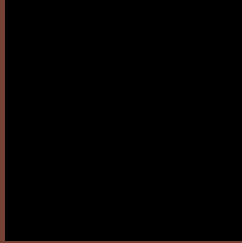
Any Text WCAG AA × Fail

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 764236 Background



This preview shows how black text looks on a background with the Hex color 764236.

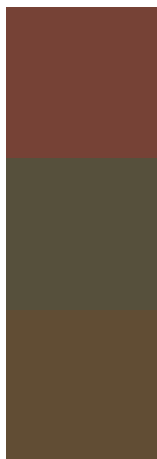


This preview shows how white text looks on a background with the Hex color 764236.

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
764236

Protanopia
56503C

Deuteranopia
614D34



Tritanopia
774045

Trichromacy



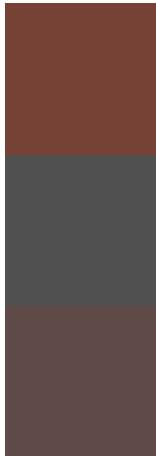
Original Color
764236

Protanomaly
624B3A

Deuteranomaly
694935

Tritanomaly
774140

Monochromacy



Original Color
764236

Achromatopsia
505050

Achromatomaly
5E4B47

CSS Examples

Text

The CSS property to change the color of the text to Hex 764236 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 #764236 looks like.

```
.text, #text, p{  
    color:#764236  
}
```

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 #764236 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #764236
}
```

Border

The CSS property to change the border of an element to Hex 764236 is called "border". The border property can be set on classes, ids or directly on the HTML element.

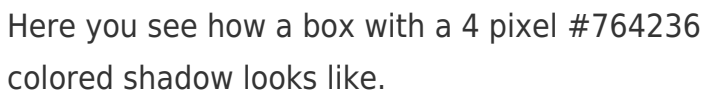
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#764236 }
```

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

```
.border{ border-color:#764236 }
```

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



Here you see how a box with a 4 pixel #764236 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #764236; -webkit-box-shadow:4px 4px  
4px 4px #764236; box-shadow:4px 4px 4px  
4px #764236 }
```

Background

The CSS property to change the background color of an element to Hex 764236 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#764236 }
```

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

```
.background{ background-color:#764236 }
```

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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