

Converting Colors

Hex(804764)

Have a look what the booklet for
Hex(804764) contains.

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Color

Hex(804764)

Conversions

Conversions Part 1

Format	Color
Hex	804764
RGB	128, 71, 100
RGB Percent	50%, 28%, 39%
CMY	0.4980, 0.7216, 0.6078
CMYK	0.00, 0.45, 0.22, 0.50
HSL	329°, 29%, 39%
HSV	329°, 45%, 50%
XYZ	13.4556, 10.0158, 13.2806
YIQ	91.3490, 24.6630, 21.1030

Conversions

Conversions Part 2

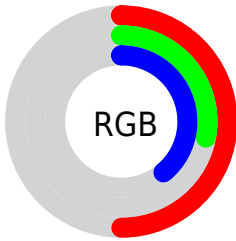
Format	Color
R_{YB}	128, 71, 100
Decimal	8406884
CIE _{Lab}	37.87, 28.39, -6.31
CIE _{LCh}	38, 29.081, 347.478
Yxy	10.0158, 0.3661, 0.2725
Android (android.graphics.Color)	4286596964 (0xFF804764)
YUV	91.3490, 4.2649, 32.1429
Hunter-Lab	31.6477, 20.5089, -2.7271

Details

The Hex color **804764** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **478063**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **B67997**, and **4D1835** is the 20% darker color. If you saturate the color by 10%, you get **803A5E**, and if you desaturate by 10%, it is **80546A**.

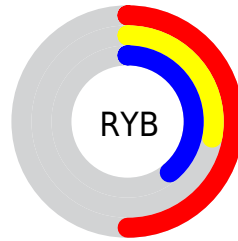
Distribution



Red (50%)

Green (28%)

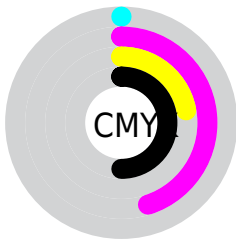
Blue (39%)



Red (50%)

Yellow (28%)

Blue (39%)

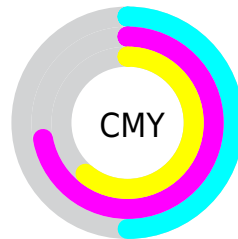


Cyan (0%)

Magenta (45%)

Yellow (22%)

Black (50%)



Cyan (50%)

Magenta (72%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color 804764 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 804764 by changing the saturation by 10% instead.

 804764

 804764

FFFFFF

 662F4C

 B67997

 4D1835

 D293B1

 350120

 EFAECD

 200007

 FFCAE9

 000000

 FFE6FF

 804764

 804764

 803A5E

 80546A

 802D57

 806171

 802151

 806D77

 80144B

 807A7D

 800745

 808783

 800041

 80948A

 80A190

 80AD96

 80BA9D

Harmonies

Analogous

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



6C4E79



804764



86464C

Triad

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



804764



5A5C2B



00637B

Complementary

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



804764



478063

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.



006566



804764



3F6238

Square

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



804764



70542B



1A654E



185E87

Rectangle

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



804764



834A3E



1A654E



006475

Sweetspot

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



804764



A6909B



634780



54474E



D4D4D4



545454

Same Dimension

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



804764



A64E7B



804748



40393D



800041



000000

Inverse Universe

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



804764



A64E7B



47807F



40393D



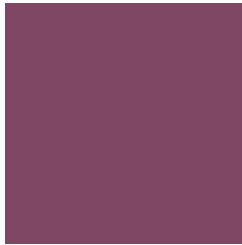
800041



000000

Previews

White Background



This preview shows how the Hex color 804764 looks on a white background.

Color Contrast Check

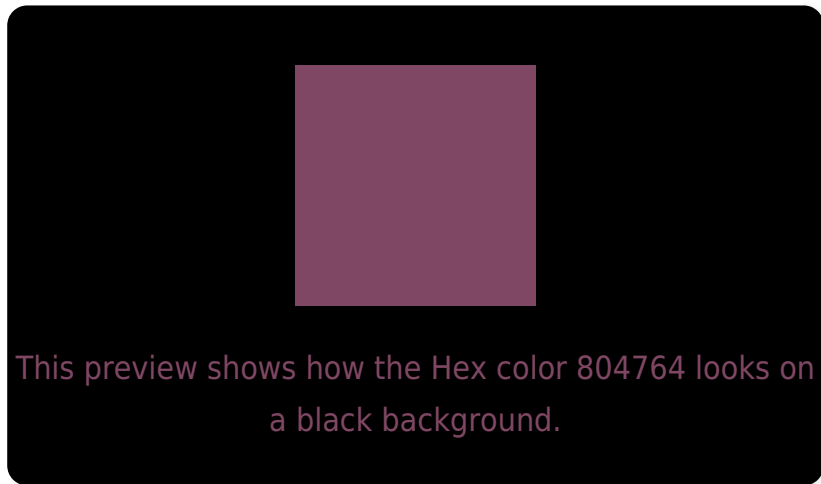
Large Text (above 18pt) WCAG AA ✓ Pass

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

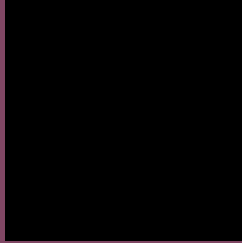
Any Text WCAG AA × Fail

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 804764 Background



This preview shows how black text looks on a background with the Hex color 804764.



This preview shows how white text looks on a background with the Hex color 804764.

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
7E4B50

Trichromacy



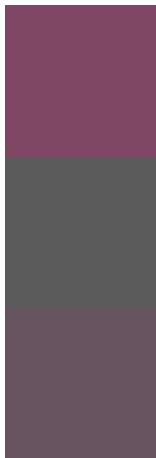
Original Color
804764

Protanomaly
64526C

Deuteranomaly
6B5162

Tritanomaly
7F4A57

Monochromacy



Original Color
804764

Achromatopsia
5B5B5B

Achromatomaly
68545E

CSS Examples

Text

The CSS property to change the color of the text to Hex 804764 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 #804764 looks like.

```
.text, #text, p{  
    color:#804764  
}
```

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 #804764 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #804764
}
```

Border

The CSS property to change the border of an element to Hex 804764 is called "border". The border property can be set on classes, ids or directly on the HTML element.

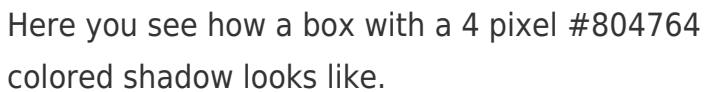
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#804764 }
```

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

```
.border{ border-color:#804764 }
```

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



Here you see how a box with a 4 pixel #804764 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #804764; -webkit-box-shadow:4px 4px  
4px 4px #804764; box-shadow:4px 4px 4px  
4px #804764 }
```

Background

The CSS property to change the background color of an element to Hex 804764 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#804764 }
```

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

```
.background{ background-color:#804764 }
```

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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