

Converting Colors

Hex(84732A)

Have a look what the booklet for
Hex(84732A) contains.

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Color

Hex(84732A)

Conversions

Conversions Part 1

Format	Color
Hex	84732A
RGB	132, 115, 42
RGB Percent	52%, 45%, 16%
CMY	0.4824, 0.5490, 0.8353
CMYK	0.00, 0.13, 0.68, 0.48
HSL	49°, 52%, 34%
HSV	49°, 68%, 52%
XYZ	16.0644, 17.3342, 4.6896
YIQ	111.7610, 33.5650, -19.0990

Conversions

Conversions Part 2

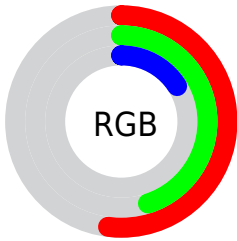
Format	Color
RYB	63, 132, 42
Decimal	8680234
CIELab	48.68, -2.34, 41.41
CIELCh	49, 41.474, 93.233
Yxy	17.3342, 0.4218, 0.4551
Android (android.graphics.Color)	4286870314 (0xFF84732A)
YUV	111.7610, -34.3922, 17.7496
Hunter-Lab	41.6343, -3.9868, 22.4657

Details

The Hex color **84732A** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **2A3B84**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **BBA75B**, and **4F4300** is the 20% darker color. If you saturate the color by 10%, you get **84711D**, and if you desaturate by 10%, it is **847537**.

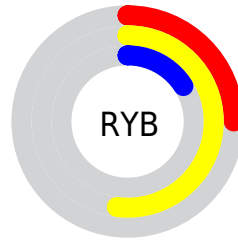
Distribution



Red (52%)

Green (45%)

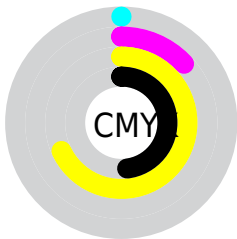
Blue (16%)



Red (25%)

Yellow (52%)

Blue (16%)

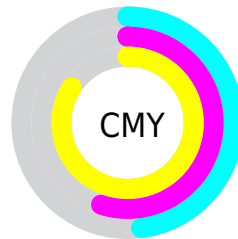


Cyan (0%)

Magenta (13%)

Yellow (68%)

Black (48%)



Cyan (48%)

Magenta (55%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 84732A 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 84732A by changing the saturation by 10% instead.



84732A



84732A

FFFFFF



695B10



BBA75B



4F4300



D8C275



362D00



F5DE8F



1E1900



FFFAAA



000000



FFFFC6



FFFFE2



84732A



84732A



84711D



847537

■ 846E10

■ 847844

■ 846C02

■ 847A52

■ 846B00

■ 847D5F

■ 847F6C

■ 848279

■ 848486

■ 848794

■ 8489A1

Harmonies

Analogous

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



A16635



84732A



607D36

Triad

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



84732A



008499



A25B94

Complementary

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



84732A



2A3B84

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.



7B69AE



84732A



007FB2

Square

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



84732A



008576



3776BA



B45571

Rectangle

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



84732A



428148



3776BA



975F9E

Sweetspot

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



84732A



ABA489



842A3C



575342



D6D6D6



575757

Same Dimension

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



84732A



AB901F



69842A



42413C



826900



030200

Inverse Universe

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



2A3B84



1F39AB



452A84



3C3D42



001982



000003

Previews

White Background



This preview shows how the Hex color 84732A looks on a white background.

Color Contrast Check

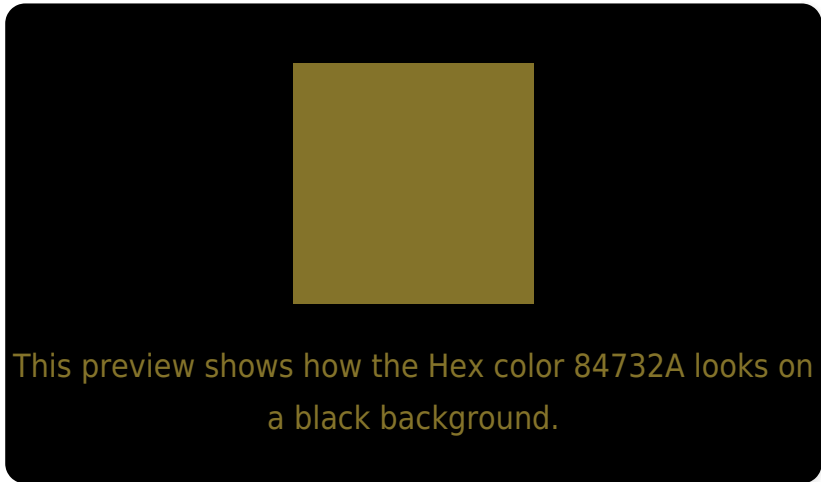
Large Text (above 18pt) WCAG AA ✓ Pass

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

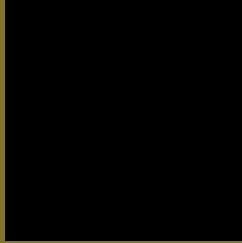
Any Text WCAG AA × Fail

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 84732A Background



This preview shows how black text looks on a background with the Hex color 84732A.



This preview shows how white text looks on a background with the Hex color 84732A.

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

84732A

Protanopia

81742A

Deuteranopia

906E2C



Tritanopia
8A6C74

Trichromacy



Original Color
84732A

Protanomaly
82742A

Deuteranomaly
8C702B

Tritanomaly
886F59

Monochromacy



Original Color
84732A

Achromatopsia
707070

Achromatomaly
777157

CSS Examples

Text

The CSS property to change the color of the text to Hex 84732A 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 #84732A looks like.

```
.text, #text, p{  
    color:#84732A  
}
```

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 #84732A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #84732A
}
```

Border

The CSS property to change the border of an element to Hex 84732A 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
#84732A }
```

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

```
.border{ border-color:#84732A }
```

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

Here you see how a box with a 4 pixel #84732A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #84732A; -webkit-box-shadow:4px 4px  
4px 4px #84732A; box-shadow:4px 4px 4px  
4px #84732A }
```

Background

The CSS property to change the background color of an element to Hex 84732A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#84732A }
```

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

```
.background{ background-color:#84732A }
```

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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