

Converting Colors

Hex(93732D)

Have a look what the booklet for
Hex(93732D) contains.

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Color

Hex(93732D)

Conversions

Conversions Part 1

Format	Color
Hex	93732D
RGB	147, 115, 45
RGB Percent	58%, 45%, 18%
CMY	0.4235, 0.5490, 0.8235
CMYK	0.00, 0.22, 0.69, 0.42
HSL	41°, 53%, 38%
HSV	41°, 69%, 58%
XYZ	18.6370, 18.6540, 5.1009
YIQ	116.5880, 41.5420, -14.9860

Conversions

Conversions Part 2

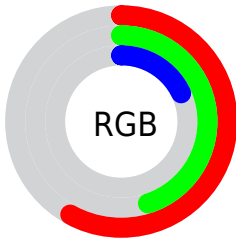
Format	Color
R_{YB}	92, 147, 45
Decimal	9663277
CIE Lab	50.28, 4.79, 42.18
CIE LCh	50, 42.448, 83.520
Yxy	18.6540, 0.4396, 0.4400
Android (android.graphics.Color)	4287853357 (0xFF93732D)
YUV	116.5880, -35.2929, 26.6713
Hunter-Lab	43.1902, 1.4415, 23.2308

Details

The Hex color **93732D** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **2D4D93**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **CCA75E**, and **5D4300** is the 20% darker color. If you saturate the color by 10%, you get **936E1E**, and if you desaturate by 10%, it is **93783C**.

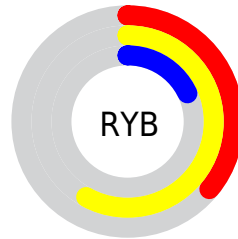
Distribution



Red (58%)

Green (45%)

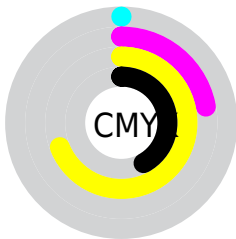
Blue (18%)



Red (36%)

Yellow (58%)

Blue (18%)

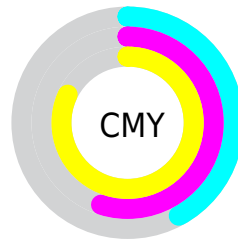


Cyan (0%)

Magenta (22%)

Yellow (69%)

Black (42%)



Cyan (42%)

Magenta (55%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 93732D 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 93732D by changing the saturation by 10% instead.

 93732D

 93732D

FFFFFF

 785B14

 CCA75E

 5D4300

 E9C278

 432D00

 FFDE92

 2A1900

 FFFAAD

 0E0000

 FFFFC9

 000000

 FFFFEE

 93732D

 93732D

 936E1E

 93783C

■ 936A10

■ 937C4A

■ 936501

■ 938159

■ 936500

■ 938568

■ 938A77

■ 938F85

■ 939394

■ 9398A3

■ 939DB1

Harmonies

Analogous

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



AD653E



93732D



707E32

Triad

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



93732D



008993



9D63A3

Complementary

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



93732D



2D4D93

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.



6D71BA



93732D



0086B1

Square

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



93732D



00896E



007EBF



B65981

Rectangle

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



93732D



548441



007EBF



8F68AC

Sweetspot

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



93732D



BFB397



932D4D



615949



E0E0E0



616161

Same Dimension

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



93732D



BF8D21



80932D



4A4843



8A5F00



0A0700

Inverse Universe

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



2D4D93



2152BF



402D93



43454A



002B8A



00030A

Previews

White Background



This preview shows how the Hex color 93732D looks on a white background.

Color Contrast Check

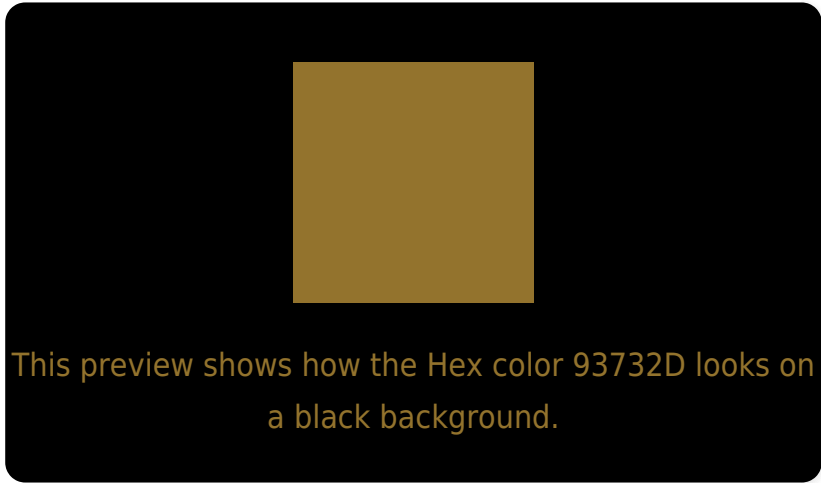
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 93732D Background



This preview shows how black text looks on a background with the Hex color 93732D.



This preview shows how white text looks on a background with the Hex color 93732D.

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
93732D

Protanopia
86782E

Deuteranopia
95722D



Tritanopia
986C74

Trichromacy



Original Color
93732D

Protanomaly
8B762E

Deuteranomaly
94722D

Tritanomaly
966F5A

Monochromacy



Original Color
93732D

Achromatopsia
757575

Achromatomaly
80745B

CSS Examples

Text

The CSS property to change the color of the text to Hex 93732D 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 #93732D looks like.

```
.text, #text, p{  
    color:#93732D  
}
```

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 #93732D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #93732D
}
```

Border

The CSS property to change the border of an element to Hex 93732D 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
#93732D }
```

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

```
.border{ border-color:#93732D }
```

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

Here you see how a box with a 4 pixel #93732D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #93732D; -webkit-box-shadow:4px 4px  
4px 4px #93732D; box-shadow:4px 4px 4px  
4px #93732D }
```

Background

The CSS property to change the background color of an element to Hex 93732D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#93732D }
```

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

```
.background{ background-color:#93732D }
```

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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