

# Converting Colors

Hex(732D26)

Have a look what the booklet for  
Hex(732D26) contains.

<b>Hex(732D26)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(732D26)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	732D26
RGB	115, 45, 38
RGB Percent	45%, 18%, 15%
CMY	0.5490, 0.8235, 0.8510
CMYK	0.00, 0.61, 0.67, 0.55
HSL	5°, 50%, 30%
HSV	5°, 67%, 45%
XYZ	8.3585, 5.6616, 2.4860
YIQ	65.1320, 43.9670, 12.6630

# Conversions

## Conversions Part 2

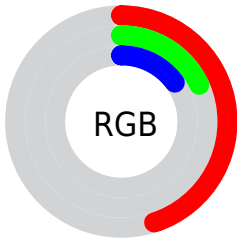
Format	Color
R <sub>Y</sub> B	115, 46, 38
Decimal	7548198
CIE Lab	28.54, 30.36, 20.06
CIE LCh	29, 36.385, 33.455
Yxy	5.6616, 0.5064, 0.3430
Android (android.graphics.Color)	4285738278 (0xFF732D26)
YUV	65.1320, -13.3761, 43.7342
Hunter-Lab	23.7940, 21.0648, 10.4613

# Details

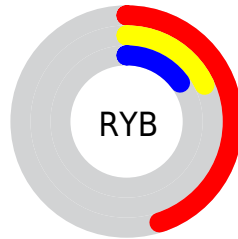
The Hex color **732D26** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **266C73**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **AB5E53**, and **3E0000** is the 20% darker color. If you saturate the color by 10%, you get **73231B**, and if you desaturate by 10%, it is **733731**.

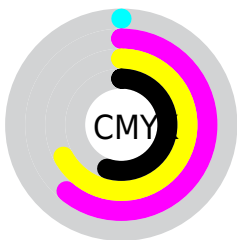
# Distribution



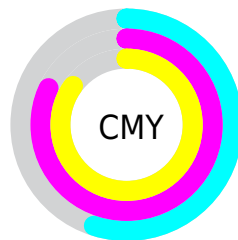
- Red (45%)
- Green (18%)
- Blue (15%)



- Red (45%)
- Yellow (18%)
- Blue (15%)



- Cyan (0%)
- Magenta (61%)
- Yellow (67%)
- Black (55%)



- Cyan (55%)
- Magenta (82%)
- Yellow (85%)
- Black (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 732D26 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 732D26 by changing the saturation by 10% instead.



 732D26

 732D26

FFFFFF

 581512

 AB5E53

 3E0000

 C8776B

 260001

 E59185

 000000

 FFAC9F

 FFC8BA

 FFE4D5

 FFFFF2

 732D26

 732D26

■ 73231B

■ 733731

■ 73180F

■ 73423D

■ 730E03

■ 734C49

■ 730A00

■ 735754

■ 736160

■ 736C6B

■ 737677

■ 738182

■ 738B8E

# Harmonies

## Analogous

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



752841



732D26



65380F

# Triad

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



732D26



004F29



00467B

# Complementary

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



732D26



266C73

# 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.



004D75



732D26



005046

# Square

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



732D26



324A10



005062



483A72

# Rectangle

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



732D26



574004



005062



00487B



# Sweetspot

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



732D26



967B78



73266D



4D3C3A



CCCCCC



4D4D4D



# Same Dimension

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



732D26



96291E



735326



3B3535



7A0B00



FA1700



# Inverse Universe

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



266C73



1E8C96



264673



353A3B



006F7A



00E3FA



# Previews

## White Background



This preview shows how the Hex color 732D26 looks on a white background.

## Color Contrast Check

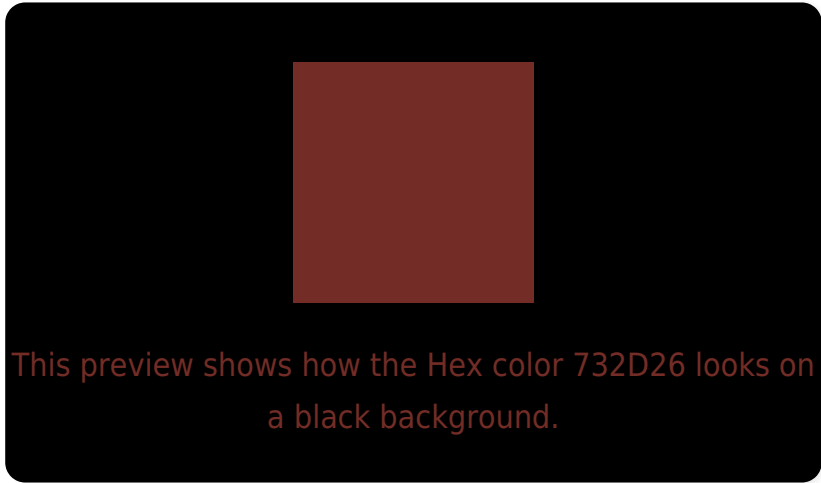
Large Text (above 18pt) WCAG AA ✓ Pass

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 732D26 Background



This preview shows how black text looks on a background with the Hex color 732D26.

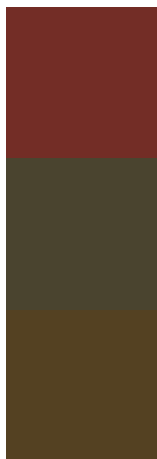


This preview shows how white text looks on a background with the Hex color 732D26.

# 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**  
732D26

**Protanopia**  
4A442F

**Deuteranopia**  
544122



**Tritanopia**  
732C2E

# Trichromacy



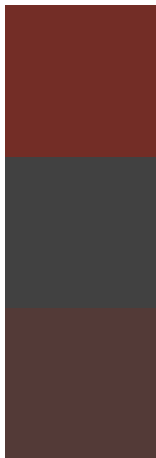
**Original Color**  
732D26

**Protanomaly**  
593C2C

**Deuteranomaly**  
5F3A23

**Tritanomaly**  
732C2B

# Monochromacy



**Original Color**  
732D26

**Achromatopsia**  
414141

**Achromatomaly**  
533A37

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 732D26 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 #732D26 looks like.

```
.text, #text, p{  
    color:#732D26  
}
```

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 #732D26 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #732D26
}
```

## Border

The CSS property to change the border of an element to Hex 732D26 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
#732D26 }
```

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

```
.border{ border-color:#732D26 }
```

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

Here you see how a box with a 4 pixel #732D26 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #732D26; -webkit-box-shadow:4px 4px  
4px 4px #732D26; box-shadow:4px 4px 4px  
4px #732D26 }
```

# Background

The CSS property to change the background color of an element to Hex 732D26 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#732D26 }
```

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

```
.background{ background-color:#732D26 }
```

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