

# Converting Colors

Hex(75202B)

Have a look what the booklet for  
Hex(75202B) contains.

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**Color**

**Hex(75202B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	75202B
RGB	117, 32, 43
RGB Percent	46%, 13%, 17%
CMY	0.5412, 0.8745, 0.8314
CMYK	0.00, 0.73, 0.63, 0.54
HSL	352°, 57%, 29%
HSV	352°, 73%, 46%
XYZ	8.2887, 4.9893, 2.8117
YIQ	58.6690, 47.1290, 21.4410

# Conversions

## Conversions Part 2

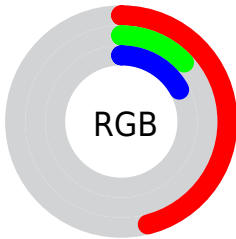
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	117, 32, 43
Decimal	7675947
CIE <sub>Lab</sub>	26.70, 37.66, 14.51
CIE <sub>LCh</sub>	27, 40.356, 21.077
Yxy	4.9893, 0.5152, 0.3101
Android (android.graphics.Color)	4285866027 (0xFF75202B)
YUV	58.6690, -7.7248, 51.1563
Hunter-Lab	22.3369, 27.1476, 8.1726

# Details

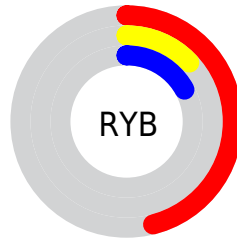
The Hex color **75202B** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **20756A**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **AE5358**, and **3F0000** is the 20% darker color. If you saturate the color by 10%, you get **751421**, and if you desaturate by 10%, it is **752C35**.

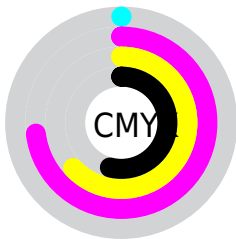
# Distribution



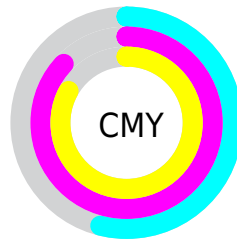
- Red (46%)
- Green (13%)
- Blue (17%)



- Red (46%)
- Yellow (13%)
- Blue (17%)



- Cyan (0%)
- Magenta (73%)
- Yellow (63%)
- Black (54%)



- Cyan (54%)
- Magenta (87%)
- Yellow (83%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 75202B 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 75202B by changing the saturation by 10% instead.



 75202B

 75202B

FFFFFF

 590217

 AE5358

 3F0000

 CB6C71

 250001

 E8878A

 000000

 FFA2A4

 FFBDBF

 FFD9DB

 FFF6F8

 75202B

 75202B

■ 751421

■ 752C35

■ 750917

■ 75373F

■ 75000F

■ 75434A

■ 754F54

■ 755B5E

■ 756668

■ 757272

■ 757E7C

■ 758987

# Harmonies

## Analogous

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



711F4A



75202B



6A2D0E

# Triad

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



75202B



0B4A15



00467C

# Complementary

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



75202B



20756A

# 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.



004B6F



75202B



004C35

# Square

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



75202B



394400



004D54



2A3B79

# Rectangle

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



75202B



5D3600



004D54



00487A



# Sweetspot

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



75202B



99777C



6A2075



4D393B



CCCCCC



4D4D4D



# Same Dimension

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



75202B



991425



753F20



3B3536



7A0010



FA0020



# Inverse Universe

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



75202B



991425



205675



3B3536



7A0010

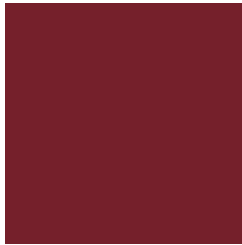


FA0020



# Previews

## White Background



This preview shows how the Hex color 75202B looks on a white background.

## Color Contrast Check

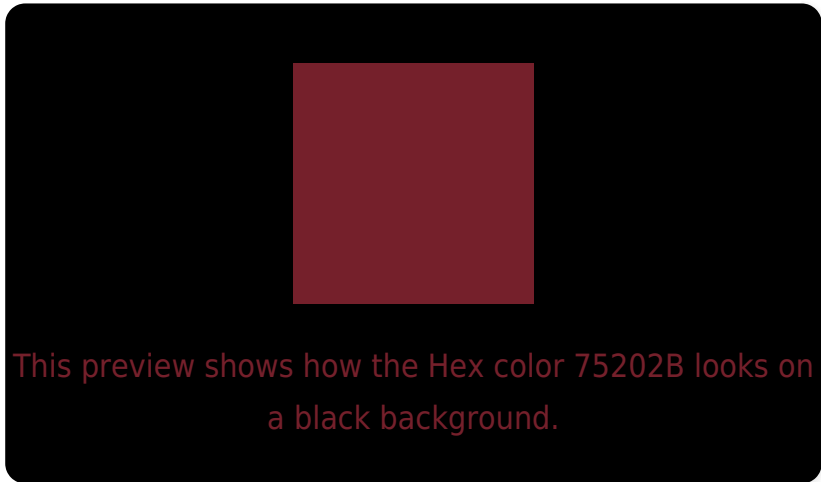
Large Text (above 18pt) WCAG AA ✓ Pass

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 75202B Background



This preview shows how black text looks on a background with the Hex color 75202B.



This preview shows how white text looks on a background with the Hex color 75202B.

# 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**  
75202B

**Protanopia**  
444039

**Deuteranopia**  
4E3E27



# Trichromacy



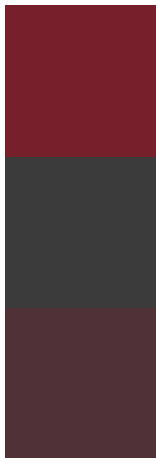
**Original Color**  
75202B

**Protanomaly**  
563434

**Deuteranomaly**  
5C3328

**Tritanomaly**  
752126

# Monochromacy



**Original Color**  
75202B

**Achromatopsia**  
3B3B3B

**Achromatomaly**  
503135

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 75202B 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 #75202B looks like.

```
.text, #text, p{  
    color:#75202B  
}
```

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 #75202B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #75202B
}
```

## Border

The CSS property to change the border of an element to Hex 75202B is called "border". The border property can be set on classes, ids or directly on the HTML element.

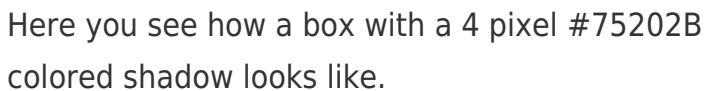
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#75202B }
```

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

```
.border{ border-color:#75202B }
```

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



Here you see how a box with a 4 pixel #75202B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #75202B; -webkit-box-shadow:4px 4px  
4px 4px #75202B; box-shadow:4px 4px 4px  
4px #75202B }
```

# Background

The CSS property to change the background color of an element to Hex 75202B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#75202B }
```

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

```
.background{ background-color:#75202B }
```

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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