

# Converting Colors

Hex(762238)

Have a look what the booklet for  
Hex(762238) contains.

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**Color**

**Hex(762238)**

# Conversions

## Conversions Part 1

Format	Color
Hex	762238
RGB	118, 34, 56
RGB Percent	46%, 13%, 22%
CMY	0.5373, 0.8667, 0.7804
CMYK	0.00, 0.71, 0.53, 0.54
HSL	344°, 55%, 30%
HSV	344°, 71%, 46%
XYZ	8.7571, 5.2811, 4.2992
YIQ	61.6240, 43.0020, 24.6500

# Conversions

## Conversions Part 2

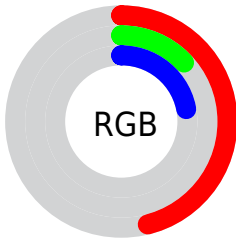
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	118, 34, 56
Decimal	7742008
CIE <sub>Lab</sub>	27.52, 38.24, 6.93
CIE <sub>LCh</sub>	28, 38.860, 10.277
Yxy	5.2811, 0.4776, 0.2880
Android (android.graphics.Color)	4285932088 (0xFF762238)
YUV	61.6240, -2.7726, 49.4418
Hunter-Lab	22.9807, 27.8031, 4.9946

# Details

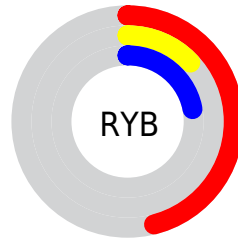
The Hex color **762238** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **227660**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **AE5567**, and **41000D** is the 20% darker color. If you saturate the color by 10%, you get **76162F**, and if you desaturate by 10%, it is **762E41**.

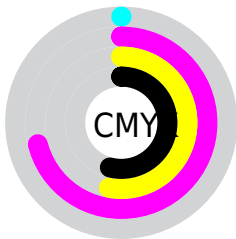
# Distribution



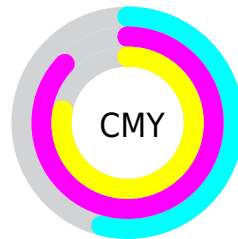
- Red (46%)
- Green (13%)
- Blue (22%)



- Red (46%)
- Yellow (13%)
- Blue (22%)



- Cyan (0%)
- Magenta (71%)
- Yellow (53%)
- Black (54%)



- Cyan (54%)
- Magenta (87%)
- Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 762238 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 762238 by changing the saturation by 10% instead.



 762238

 762238

FFFFFF

 5B0423

 AE5567

 41000D

 CB6E80

 290001

 E8899A

 000000

 FFA4B4

 FFC0D0

 FFDCEC

 FFF9FF

 762238

 762238

 76162F

 762E41

 760A27

 763A49

 76001F

 764552

 76515B

 765D64

 76696C

 767575

 76807E

 768C86

# Harmonies

## Analogous

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



6C2756



762238



702B1C

# Triad

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



762238



254A0E



004A79

# Complementary

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



762238



227660

# 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.



004E67



762238



004D2C

# Square

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



762238



464300



004F4B



05417C

# Rectangle

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



762238



66340A



004F4B



004B75



# Sweetspot

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



762238



997981



602276



4D393E



CCCCCC



4D4D4D



# Same Dimension

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



762238



991739



763622



3B3536



7A0020



FA0041



# Inverse Universe

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



762238



991739



226276



3B3536



7A0020

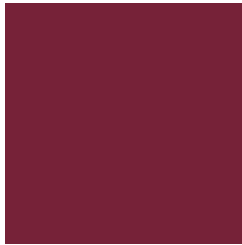


FA0041



# Previews

## White Background



This preview shows how the Hex color 762238 looks on a white background.

## Color Contrast Check

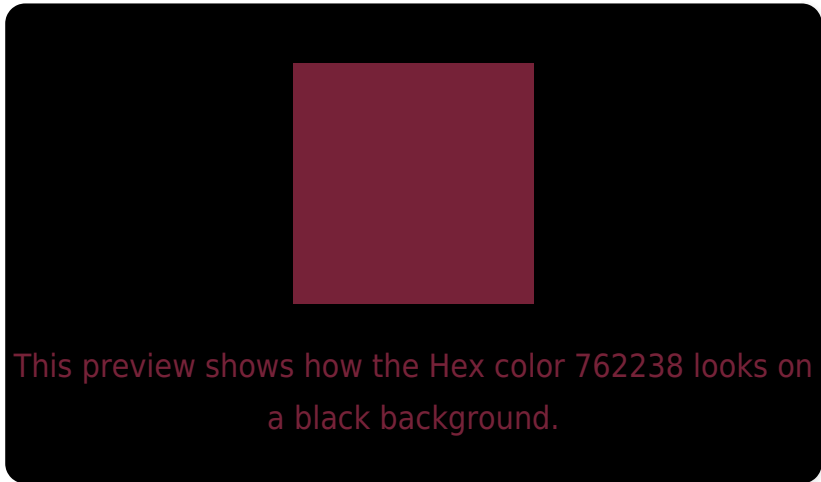
Large Text (above 18pt) WCAG AA ✓ Pass

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 762238 Background



This preview shows how black text looks on a background with the Hex color 762238.



This preview shows how white text looks on a background with the Hex color 762238.

# 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**  
762238

**Protanopia**  
424249

**Deuteranopia**  
4E4034



# Trichromacy



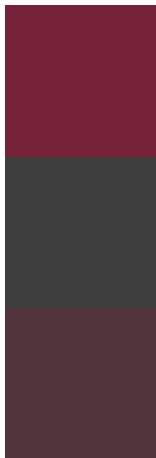
**Original Color**  
762238

**Protanomaly**  
553643

**Deuteranomaly**  
5D3535

**Tritanomaly**  
75252D

# Monochromacy



**Original Color**  
762238

**Achromatopsia**  
3E3E3E

**Achromatomaly**  
52343C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 762238 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 #762238 looks like.

```
.text, #text, p{  
    color:#762238  
}
```

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 #762238 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #762238
}
```

## Border

The CSS property to change the border of an element to Hex 762238 is called "border". The border property can be set on classes, ids or directly on the HTML element.

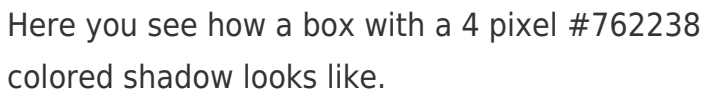
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#762238 }
```

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

```
.border{ border-color:#762238 }
```

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



Here you see how a box with a 4 pixel #762238 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #762238; -webkit-box-shadow:4px 4px  
4px 4px #762238; box-shadow:4px 4px 4px  
4px #762238 }
```

# Background

The CSS property to change the background color of an element to Hex 762238 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#762238 }
```

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

```
.background{ background-color:#762238 }
```

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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