

# Converting Colors

Hex(762236)

Have a look what the booklet for  
Hex(762236) contains.

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# Color

**Hex(762236)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	762236
RGB	118, 34, 54
RGB Percent	46%, 13%, 21%
CMY	0.5373, 0.8667, 0.7882
CMYK	0.00, 0.71, 0.54, 0.54
HSL	346°, 55%, 30%
HSV	346°, 71%, 46%
XYZ	8.7091, 5.2619, 4.0467
YIQ	61.3960, 43.6440, 24.0280

# Conversions

## Conversions Part 2

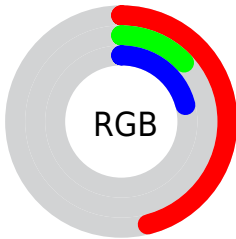
<b>Format</b>	<b>Color</b>
<b>RYB</b>	118, 34, 54
Decimal	7742006
CIELab	27.47, 38.05, 8.20
CIElCh	27, 38.925, 12.164
Yxy	5.2619, 0.4834, 0.2920
Android (android.graphics.Color)	4285932086 (0xFF762236)
YUV	61.3960, -3.6462, 49.6417
Hunter-Lab	22.9389, 27.6269, 5.5979

# Details

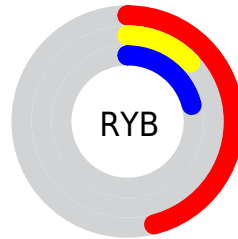
The Hex color **762236** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **227662**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **AE5564**, and **41000A** is the 20% darker color. If you saturate the color by 10%, you get **76162D**, and if you desaturate by 10%, it is **762E3F**.

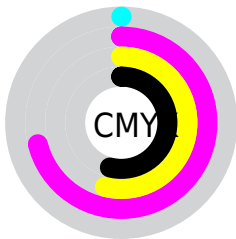
# Distribution



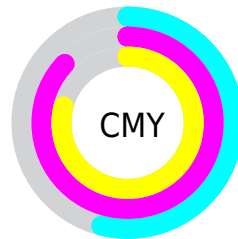
- Red (46%)
- Green (13%)
- Blue (21%)



- Red (46%)
- Yellow (13%)
- Blue (21%)



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



- Cyan (54%)
- Magenta (87%)
- Yellow (79%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 762236 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 762236 by changing the saturation by 10% instead.



 762236

 762236

FFFFFF

 5B0421

 AE5564

 41000A

 CB6E7D

 280001

 E88997

 000000

 FFA4B2

 FFBFCD

 FFDCE9

 FFF9FF

 762236

 762236

 76162D

 762E3F

 760A24

 763A48

 76001C

 764551

 76515A

 765D63

 76696C

 767575

 76807E

 768C87

# Harmonies

## Analogous

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



6D2654



762236



6F2C1A

# Triad

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



762236



224A10



00497A

# Complementary

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



762236



227662

# 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.



004D68



762236



004D2D

# Square

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



762236



444300



004F4D



11407C

# Rectangle

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



762236



643508



004F4D



004B75



# Sweetspot

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



762236



997981



612276



4D393E



CCCCCC



4D4D4D



# Same Dimension

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



762236



991736



763722



3B3536



7A001D



FA003C



# Inverse Universe

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



762236



991736



226176



3B3536



7A001D

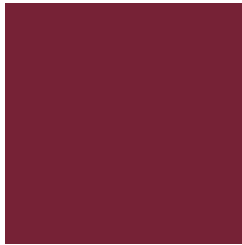


FA003B



# Previews

## White Background



This preview shows how the Hex color 762236 looks on a white background.

## Color Contrast Check

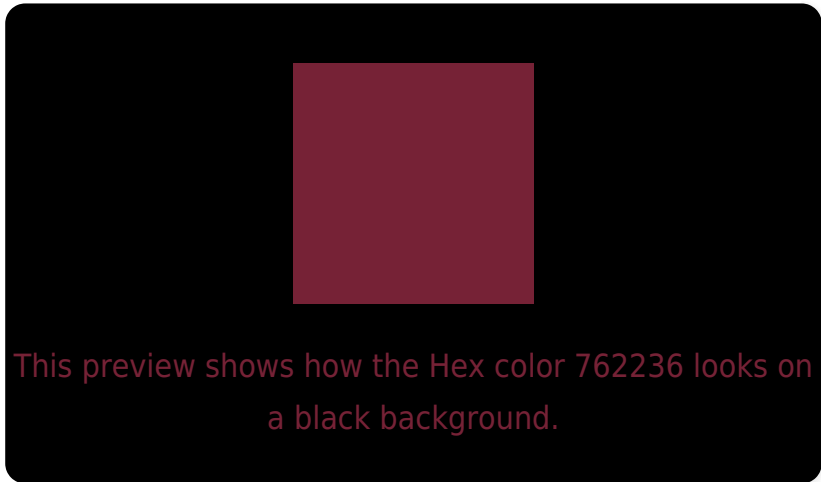
Large Text (above 18pt) WCAG AA ✓ Pass

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 762236 Background



This preview shows how black text looks on a background with the Hex color 762236.



This preview shows how white text looks on a background with the Hex color 762236.

# 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**  
762236

**Protanopia**  
424246

**Deuteranopia**  
4E3F32



# Trichromacy



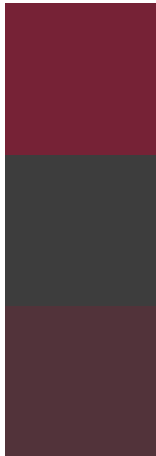
**Original Color**  
762236

**Protanomaly**  
553640

**Deuteranomaly**  
5D3433

**Tritanomaly**  
75242C

# Monochromacy



**Original Color**  
762236

**Achromatopsia**  
3D3D3D

**Achromatomaly**  
52333A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 762236 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 #762236 looks like.

```
.text, #text, p{  
    color:#762236  
}
```

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 #762236 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #762236
}
```

## Border

The CSS property to change the border of an element to Hex 762236 is called "border". The border property can be set on classes, ids or directly on the HTML element.

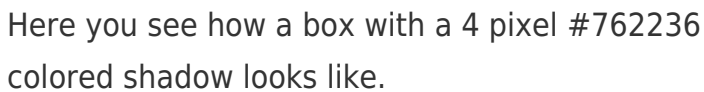
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#762236 }
```

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

```
.border{ border-color:#762236 }
```

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



Here you see how a box with a 4 pixel #762236 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #762236; -webkit-box-shadow:4px 4px  
4px 4px #762236; box-shadow:4px 4px 4px  
4px #762236 }
```

# Background

The CSS property to change the background color of an element to Hex 762236 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#762236 }
```

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

```
.background{ background-color:#762236 }
```

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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