

Converting Colors

Hex(622736)

Have a look what the booklet for
Hex(622736) contains.

Hex(622736)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(622736)

Conversions

Conversions Part 1

Format	Color
Hex	622736
RGB	98, 39, 54
RGB Percent	38%, 15%, 21%
CMY	0.6157, 0.8471, 0.7882
CMYK	0.00, 0.60, 0.45, 0.62
HSL	345°, 43%, 27%
HSV	345°, 60%, 38%
XYZ	6.4284, 4.3141, 3.9839
YIQ	58.3510, 30.3490, 17.1730

Conversions

Conversions Part 2

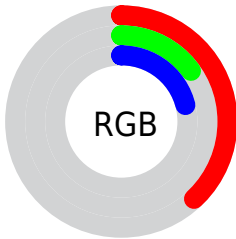
Format	Color
R_{YB}	98, 39, 54
Decimal	6432566
CIE Lab	24.68, 28.36, 3.75
CIE LCh	25, 28.602, 7.529
Yxy	4.3141, 0.4365, 0.2929
Android (android.graphics.Color)	4284622646 (0xFF622736)
YUV	58.3510, -2.1450, 34.7722
Hunter-Lab	20.7703, 18.8975, 3.1669

Details

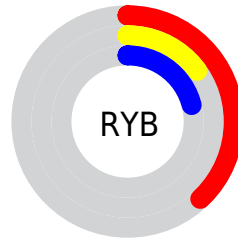
The Hex color **622736** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **276253**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **975765**, and **310009** is the 20% darker color. If you saturate the color by 10%, you get **621D2F**, and if you desaturate by 10%, it is **62313D**.

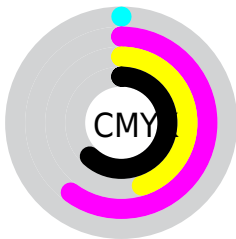
Distribution



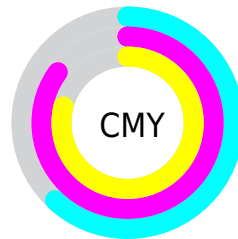
- Red (38%)
- Green (15%)
- Blue (21%)



- Red (38%)
- Yellow (15%)
- Blue (21%)



- Cyan (0%)
- Magenta (60%)
- Yellow (45%)
- Black (62%)



- Cyan (62%)
- Magenta (85%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color 622736 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 622736 by changing the saturation by 10% instead.

 622736

 622736

FFFFFF

 480F21

 975765

 310009

 B3707D

 0E0000

 CF8A97

 000000

 ECA4B2

 FFC0CD

 FFDCEA

 FFF9FF

 622736

 622736

621D2F

62313D

621327

623B45

620A20

62444C

620019

624E53

62585B

626262

626C69

627570

627F78

Harmonies

Analogous

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



592A4C



622736



5F2B21

Triad

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



622736



2A4116



004162

Complementary

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



622736



276253

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.



004454



622736



034429

Square

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



622736



413B0C



004540



1A3B65

Rectangle

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



622736



583116



004540



00435F

Sweetspot

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



622736



80696E



522762



403235



BFBFBF



404040

Same Dimension

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



622736



80243B



623527



302C2D



70001D



F0003D

Inverse Universe

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



622736



80243B



275462



302C2D



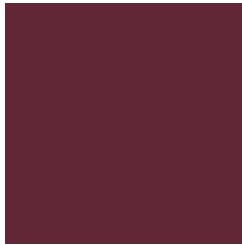
70001D



F0003D

Previews

White Background



This preview shows how the Hex color 622736 looks on a white background.

Color Contrast Check

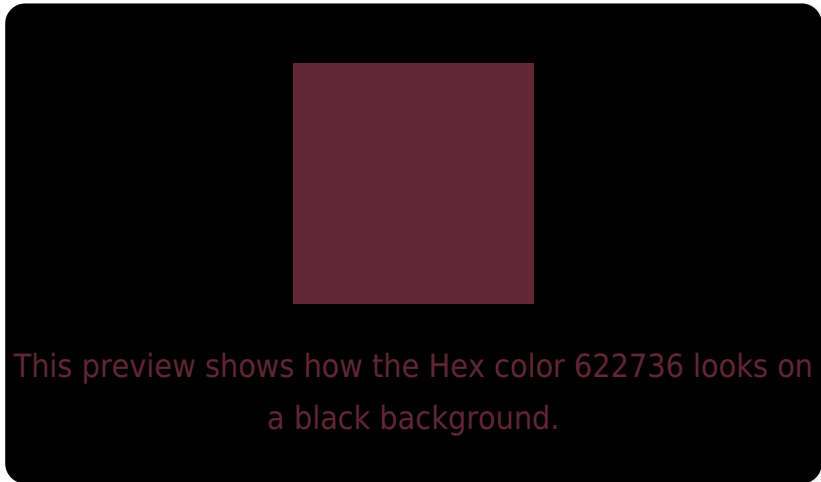
Large Text (above 18pt) WCAG AA ✓ Pass

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

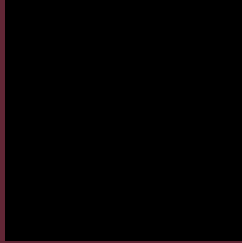
Any Text WCAG AA × Fail

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 622736 Background



This preview shows how black text looks on a background with the Hex color 622736.



This preview shows how white text looks on a background with the Hex color 622736.

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
622736

Protanopia
3B3B41

Deuteranopia
443933



Tritanopia
61292C

Trichromacy



Original Color
622736

Protanomaly
49343D

Deuteranomaly
4F3234

Tritanomaly
612830

Monochromacy



Original Color
622736

Achromatopsia
3A3A3A

Achromatomaly
493339

CSS Examples

Text

The CSS property to change the color of the text to Hex 622736 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 #622736 looks like.

```
.text, #text, p{  
    color:#622736  
}
```

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 #622736 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #622736
}
```

Border

The CSS property to change the border of an element to Hex 622736 is called "border". The border property can be set on classes, ids or directly on the HTML element.

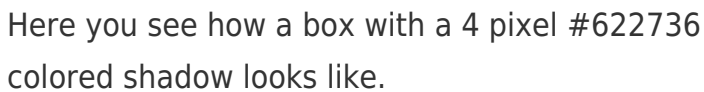
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#622736 }
```

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

```
.border{ border-color:#622736 }
```

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



Here you see how a box with a 4 pixel #622736 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #622736; -webkit-box-shadow:4px 4px  
4px 4px #622736; box-shadow:4px 4px 4px  
4px #622736 }
```

Background

The CSS property to change the background color of an element to Hex 622736 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#622736 }
```

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

```
.background{ background-color:#622736 }
```

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