

Converting Colors

Hex(622442)

Have a look what the booklet for
Hex(622442) contains.

| | |
|--|----|
| Hex(622442) | 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(622442)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 622442 |
| RGB | 98, 36, 66 |
| RGB Percent | 38%, 14%, 26% |
| CMY | 0.6157, 0.8588, 0.7412 |
| CMYK | 0.00, 0.63, 0.33, 0.62 |
| HSL | 331°, 46%, 26% |
| HSV | 331°, 63%, 38% |
| XYZ | 6.6512, 4.2518, 5.6244 |
| YIQ | 57.9580, 27.3220, 22.4740 |

Conversions

Conversions Part 2

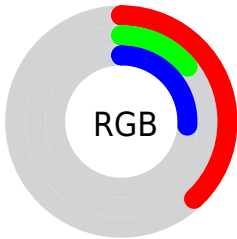
| Format | Color |
|-------------------------------------|------------------------------|
| RYB | 98, 36, 66 |
| Decimal | 6431810 |
| CIELab | 24.49, 31.53, -4.68 |
| CIELCh | 24, 31.876, 351.558 |
| Yxy | 4.2518, 0.4024, 0.2573 |
| Android (android.graphics.Color) | 4284621890 (0xFF622442) |
| YUV | 57.9580, 3.9647, 35.1168 |
| Hunter-Lab | 20.6198, 21.4933, -1.7384 |

Details

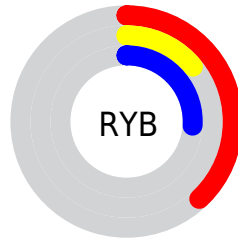
The Hex color **622442** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **246244**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **975472**, and **310018** is the 20% darker color. If you saturate the color by 10%, you get **621A3D**, and if you desaturate by 10%, it is **622E47**.

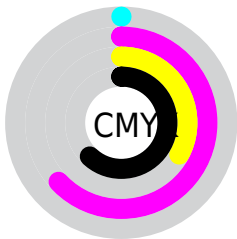
Distribution



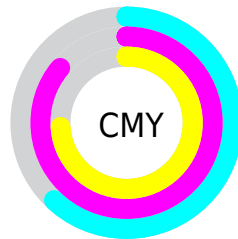
- Red (38%)
- Green (14%)
- Blue (26%)



- Red (38%)
- Yellow (14%)
- Blue (26%)



- Cyan (0%)
- Magenta (63%)
- Yellow (33%)
- Black (62%)



- Cyan (62%)
- Magenta (86%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color 622442 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 622442 by changing the saturation by 10% instead.

 622442

 622442

FFFFFF

 490B2C

 975472

 310018

 B36D8B

 120000

 CF87A6

 000000

 EBA2C1

 FFBEDD

 FFD9F9

 FFF6FF

 622442

 622442

621A3D

622E47

621038

62384C

620733

624151

62002F

624B56

62555B

625F60

626965

62726A

627C70

Harmonies

Analogous

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



512C58



622442



65252A

Triad

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



622442



363E08



00445F

Complementary

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



622442



246244

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.



00464B



622442



17431B

Square

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



622442



4C3705



004532



003F6A

Rectangle

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



622442



612A1B



004532



004559

Sweetspot

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



622442



806773



432462



403138



BFBFBF



404040

Same Dimension

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



622442



801F4D



622424



302C2E



700036



F00074

Inverse Universe

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



622442



801F4D



246262



302C2E



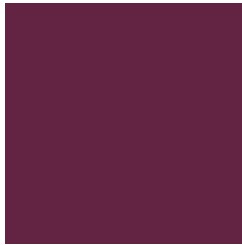
700036



F00074

Previews

White Background



This preview shows how the Hex color 622442 looks on a white background.

Color Contrast Check

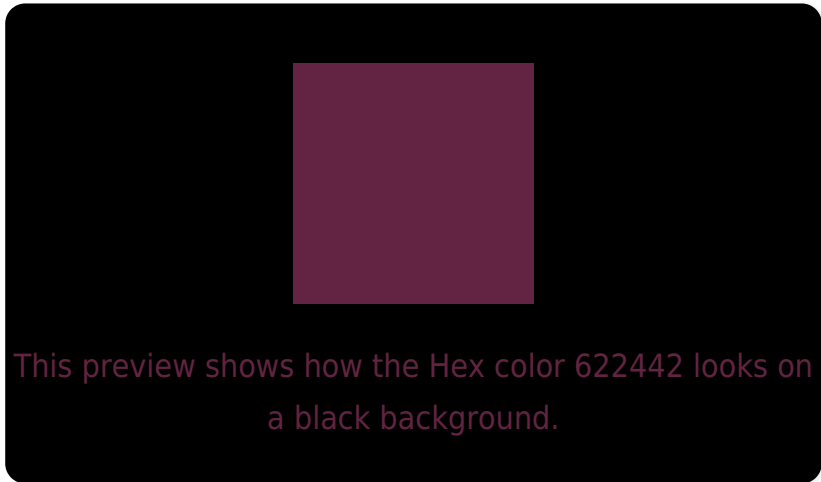
Large Text (above 18pt) WCAG AA ✓ Pass

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

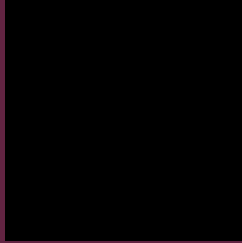
Any Text WCAG AA × Fail

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 622442 Background



This preview shows how black text looks on a background with the Hex color 622442.



This preview shows how white text looks on a background with the Hex color 622442.

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
622442

Protanopia
353A51

Deuteranopia
3F393F



Tritanopia
60292C

Trichromacy



Original Color
622442

Protanomaly
45324C

Deuteranomaly
4C3140

Tritanomaly
612734

Monochromacy



Original Color
622442

Achromatopsia
3A3A3A

Achromatomaly
49323D

CSS Examples

Text

The CSS property to change the color of the text to Hex 622442 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 #622442 looks like.

```
.text, #text, p{  
    color:#622442  
}
```

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 #622442 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #622442
}
```

Border

The CSS property to change the border of an element to Hex 622442 is called "border". The border property can be set on classes, ids or directly on the HTML element.

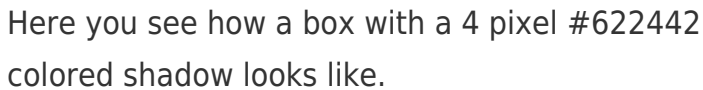
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#622442 }
```

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

```
.border{ border-color:#622442 }
```

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



Here you see how a box with a 4 pixel #622442 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #622442; -webkit-box-shadow:4px 4px  
4px 4px #622442; box-shadow:4px 4px 4px  
4px #622442 }
```

Background

The CSS property to change the background color of an element to Hex 622442 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#622442 }
```

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

```
.background{ background-color:#622442 }
```

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