

# Converting Colors

Hex(622902)

Have a look what the booklet for  
Hex(622902) contains.

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**Color**

**Hex(622902)**

# Conversions

## Conversions Part 1

| Format      | Color                     |
|-------------|---------------------------|
| Hex         | 622902                    |
| RGB         | 98, 41, 2                 |
| RGB Percent | 38%, 16%, 1%              |
| CMY         | 0.6157, 0.8392, 0.9922    |
| CMYK        | 0.00, 0.58, 0.98, 0.62    |
| HSL         | 24°, 96%, 20%             |
| HSV         | 24°, 98%, 38%             |
| XYZ         | 5.8409, 4.1869, 0.5577    |
| YIQ         | 53.5970, 46.4910, -0.0450 |

# Conversions

## Conversions Part 2

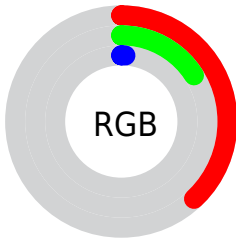
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>R<sub>YB</sub></b>               | 98, 68, 2                     |
| Decimal                             | 6433026                       |
| CIE Lab                             | 24.28, 23.69, 33.88           |
| CIE LCh                             | 24, 41.344, 55.041            |
| Yxy                                 | 4.1869, 0.5518,<br>0.3955     |
| Android<br>(android.graphics.Color) | 4284623106<br>(0xFF622902)    |
| YUV                                 | 53.5970, -25.4373,<br>38.9414 |
| Hunter-Lab                          | 20.4620, 15.1446,<br>12.7073  |

# Details

The Hex color **622902** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **023B62**, and the grayscale version is **363636**.

A 20% lighter version of the original color is **9A5831**, and **2D0000** is the 20% darker color. If you saturate the color by 10%, you get **622800**, and if you desaturate by 10%, it is **622F0C**.

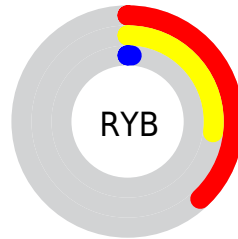
# Distribution



Red (38%)

Green (16%)

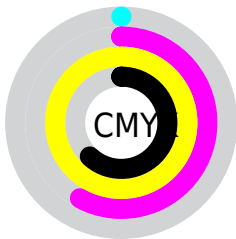
Blue (1%)



Red (38%)

Yellow (27%)

Blue (1%)

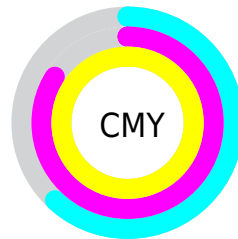


Cyan (0%)

Magenta (58%)

Yellow (98%)

Black (62%)



Cyan (62%)

Magenta (84%)

Yellow (99%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 622902 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 622902 by changing the saturation by 10% instead.



 622902

 622902

 FFFFE6

 471300

 9A5831

 2D0000

 B77148

 000000

 D48A60

 F2A57A

 FFC094

 FFDCAF

 FFF9CA

 622902

 622902

■ 622800

■ 622F0C

■ 623516

■ 623A1F

■ 624029

■ 624633

■ 624C3D

■ 625247

■ 625850

■ 625D5A

# Harmonies

## Analogous

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



6F1A22



622902



4C3700

# Triad

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



622902



004733



2C3473

# Complementary

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



622902



023B62

# 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.



003F78



622902



004753

# Square

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



622902



004513



00456D



59245E

# Rectangle

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



622902



393D00



00456D



043876



# Sweetspot

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



622902



806A5B



62023C



403329



BFBFBF



404040



# Same Dimension

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



622902



803400



625802



302E2C



702E00



F06100



# Inverse Universe

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



023B62



004C80



020C62



2C2E30



004370

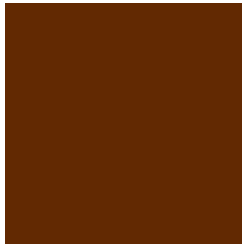


008EF0



# Previews

## White Background



This preview shows how the Hex color 622902 looks on a white background.

## Color Contrast Check

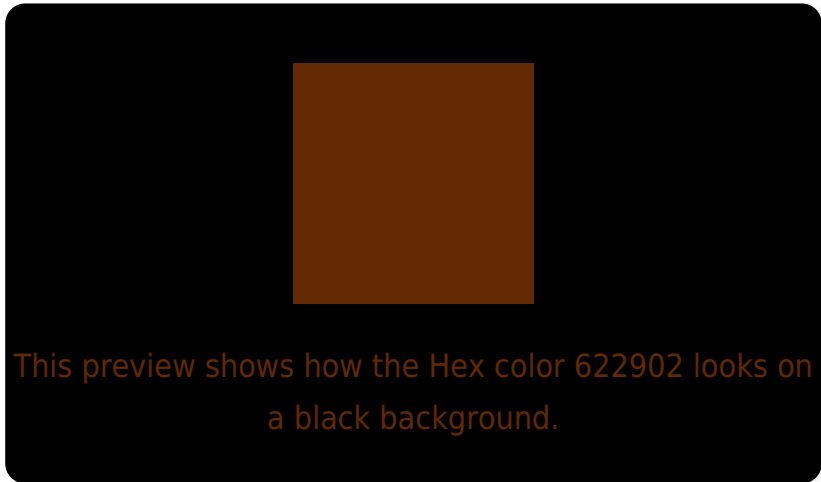
Large Text (above 18pt) WCAG AA ✓ Pass

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

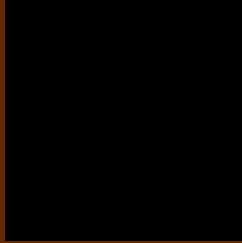
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 622902 Background



This preview shows how black text looks on a background with the Hex color 622902.



This preview shows how white text looks on a background with the Hex color 622902.

# 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**  
622902

**Protanopia**  
423B0A

**Deuteranopia**  
4A3800



**Tritanopia**  
632629

# Trichromacy



**Original Color**  
622902

**Protanomaly**  
4E3407

**Deuteranomaly**  
533301

**Tritanomaly**  
63271B

# Monochromacy



**Original Color**  
622902

**Achromatopsia**  
363636

**Achromatomaly**  
463123

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 622902 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 #622902 looks like.

```
.text, #text, p{  
    color:#622902  
}
```

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 #622902 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #622902
}
```

## Border

The CSS property to change the border of an element to Hex 622902 is called "border". The border property can be set on classes, ids or directly on the HTML element.

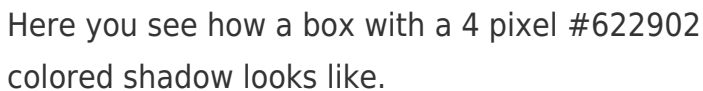
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#622902 }
```

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

```
.border{ border-color:#622902 }
```

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



Here you see how a box with a 4 pixel #622902 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #622902; -webkit-box-shadow:4px 4px  
4px 4px #622902; box-shadow:4px 4px 4px  
4px #622902 }
```

# Background

The CSS property to change the background color of an element to Hex 622902 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#622902 }
```

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

```
.background{ background-color:#622902 }
```

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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