

# Converting Colors

Hex(79622A)

Have a look what the booklet for  
Hex(79622A) contains.

<b>Hex(79622A)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(79622A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	79622A
RGB	121, 98, 42
RGB Percent	47%, 38%, 16%
CMY	0.5255, 0.6157, 0.8353
CMYK	0.00, 0.19, 0.65, 0.53
HSL	43°, 48%, 32%
HSV	43°, 65%, 47%
XYZ	12.6708, 12.9675, 4.0256
YIQ	98.4930, 31.6840, -12.5400

# Conversions

## Conversions Part 2

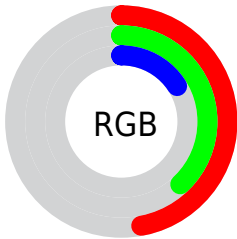
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	74, 121, 42
Decimal	7954986
CIE Lab	42.71, 2.34, 34.60
CIE LCh	43, 34.683, 86.126
Yxy	12.9675, 0.4271, 0.4371
Android (android.graphics.Color)	4286145066 (0xFF79622A)
YUV	98.4930, -27.8510, 19.7386
Hunter-Lab	36.0104, -0.2105, 18.5792

# Details

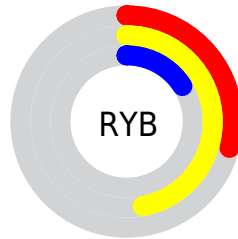
The Hex color **79622A** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **2A4179**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **B0945A**, and **463400** is the 20% darker color. If you saturate the color by 10%, you get **795E1E**, and if you desaturate by 10%, it is **796636**.

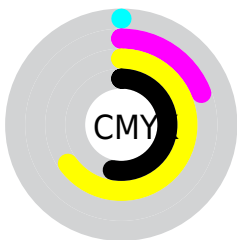
# Distribution



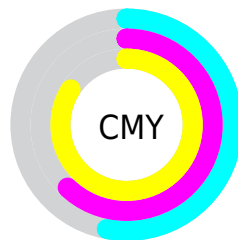
- Red (47%)
- Green (38%)
- Blue (16%)



- Red (29%)
- Yellow (47%)
- Blue (16%)



- Cyan (0%)
- Magenta (19%)
- Yellow (65%)
- Black (53%)



- Cyan (53%)
- Magenta (62%)
- Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 79622A 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 79622A by changing the saturation by 10% instead.



 79622A

 79622A

FFFFFF

 5F4A12

 B0945A

 463400

 CCAF73

 2D1F00

 E9CA8D

 130800

 FFE6A8

 000000

 FFFFC3

 FFFFDF

 FFFFFC

 79622A

 79622A

■ 795E1E

■ 796636

■ 795B12

■ 796942

■ 795706

■ 796D4E

■ 795600

■ 79705A

■ 797466

■ 797773

■ 797B7F

■ 797E8B

■ 798297

# Harmonies

## Analogous

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



8F5836



79622A



5D6B2F

# Triad

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



79622A



00737D



855485

# Complementary

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



79622A



2A4179

# 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.



615F98



79622A



007094

# Square

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



79622A



007360



26699E



984D6A

# Rectangle

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



79622A



466F3C



26699E



7B578D



# Sweetspot

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



79622A



9E957E



792A42



4F4A3C



CFCFCF



4F4F4F



# Same Dimension

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



79622A



9E7A23



69792A



3D3B37



7D5900



FCB300



# Inverse Universe

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



2A4179



23479E



3A2A79



37393D



00247D



0049FC



# Previews

## White Background



This preview shows how the Hex color 79622A 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 × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 79622A Background



This preview shows how black text looks on a background with the Hex color 79622A.



This preview shows how white text looks on a background with the Hex color 79622A.

# 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**


79622A

**Protanopia**

70652B

**Deuteranopia**

7D602B



**Tritanopia**  
7D5C63

# Trichromacy



**Original Color**  
79622A

**Protanomaly**  
73642B

**Deuteranomaly**  
7C612B

**Tritanomaly**  
7C5E4E

# Monochromacy



**Original Color**  
79622A

**Achromatopsia**  
626262

**Achromatomaly**  
6A624E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 79622A 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 #79622A looks like.

```
.text, #text, p{  
    color:#79622A  
}
```

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 #79622A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #79622A
}
```

## Border

The CSS property to change the border of an element to Hex 79622A 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
#79622A }
```

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

```
.border{ border-color:#79622A }
```

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

Here you see how a box with a 4 pixel #79622A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #79622A; -webkit-box-shadow:4px 4px  
4px 4px #79622A; box-shadow:4px 4px 4px  
4px #79622A }
```

# Background

The CSS property to change the background color of an element to Hex 79622A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#79622A }
```

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

```
.background{ background-color:#79622A }
```

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