

Converting Colors

Hex(7A2550)

Have a look what the booklet for
Hex(7A2550) contains.

Hex(7A2550)	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(7A2550)

Conversions

Conversions Part 1

Format	Color
Hex	7A2550
RGB	122, 37, 80
RGB Percent	48%, 15%, 31%
CMY	0.5216, 0.8549, 0.6863
CMYK	0.00, 0.70, 0.34, 0.52
HSL	330°, 53%, 31%
HSV	330°, 70%, 48%
XYZ	10.1356, 6.0399, 8.2210
YIQ	67.3170, 36.8570, 31.3930

Conversions

Conversions Part 2

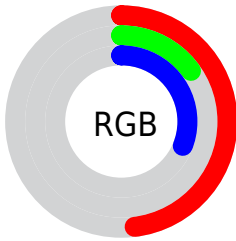
Format	Color
R_{YB}	122, 37, 80
Decimal	8004944
CIE _{Lab}	29.51, 40.93, -6.06
CIE _{LCh}	30, 41.375, 351.576
Yxy	6.0399, 0.4155, 0.2476
Android (android.graphics.Color)	4286195024 (0xFF7A2550)
YUV	67.3170, 6.2527, 47.9570
Hunter-Lab	24.5762, 30.6076, -2.6299

Details

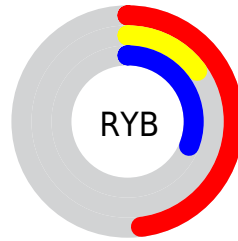
The Hex color **7A2550** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **257A4F**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **B15881**, and **450024** is the 20% darker color. If you saturate the color by 10%, you get **7A194A**, and if you desaturate by 10%, it is **7A3156**.

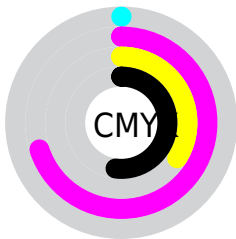
Distribution



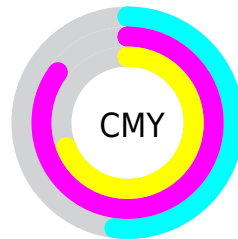
- Red (48%)
- Green (15%)
- Blue (31%)



- Red (48%)
- Yellow (15%)
- Blue (31%)



- Cyan (0%)
- Magenta (70%)
- Yellow (34%)
- Black (52%)



- Cyan (52%)
- Magenta (85%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7A2550 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 7A2550 by changing the saturation by 10% instead.

 7A2550

 7A2550

FFFFFF

 5F0639

 B15881

 450024

 CE729B

 30000E

 EB8DB6

 000000

 FFA8D2

 FFC4EE

 FFE0FF

 FFFDFF

 7A2550

 7A2550

■ 7A194A

■ 7A3156

■ 7A0D44

■ 7A3D5C

■ 7A003E

■ 7A4A62

■ 7A5668

■ 7A626E

■ 7A6E74

■ 7A7A7A

■ 7A8780

■ 7A9386

Harmonies

Analogous

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



63326E



7A2550



7E2630

Triad

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



7A2550



3E4B00



005277

Complementary

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



7A2550



257A4F

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.



00545C



7A2550



11511B

Square

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



7A2550



5C4100



00543B



004C85

Rectangle

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



7A2550



782E1C



00543B



005370

Sweetspot

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



7A2550



9E7D8E



4E257A



4F3B45



CFCFCF



4F4F4F

Same Dimension

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



7A2550



9E195C



7A2526



3D373A



7D003F



FC0080

Inverse Universe

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



7A2550



9E195C



257A79



3D373A



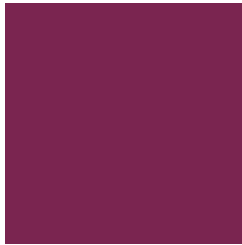
7D003F



FC0080

Previews

White Background



This preview shows how the Hex color 7A2550 looks on a white background.

Color Contrast Check

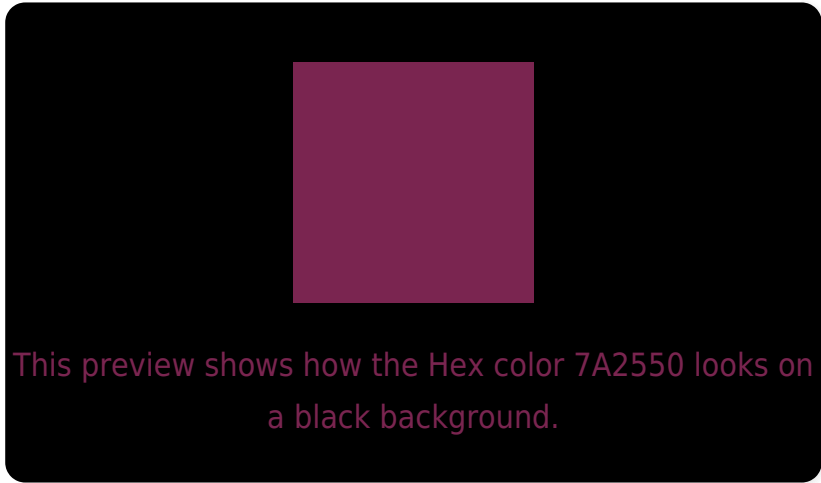
Large Text (above 18pt) WCAG AA ✓ Pass

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

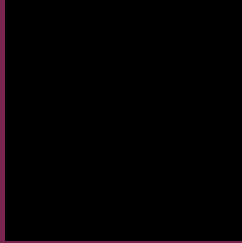
Any Text WCAG AA × Fail

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 7A2550 Background



This preview shows how black text looks on a background with the Hex color 7A2550.



This preview shows how white text looks on a background with the Hex color 7A2550.

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
7A2550

Protanopia
3C4666

Deuteranopia
4B454C



Tritanopia
782D30

Trichromacy



Original Color
7A2550

Protanomaly
533A5E

Deuteranomaly
5C394D

Tritanomaly
792A3C

Monochromacy



Original Color
7A2550

Achromatopsia
434343

Achromatomaly
573848

CSS Examples

Text

The CSS property to change the color of the text to Hex 7A2550 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 #7A2550 looks like.

```
.text, #text, p{  
    color:#7A2550  
}
```

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 #7A2550 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7A2550
}
```

Border

The CSS property to change the border of an element to Hex 7A2550 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
#7A2550 }
```

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

```
.border{ border-color:#7A2550 }
```

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

Here you see how a box with a 4 pixel #7A2550 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7A2550; -webkit-box-shadow:4px 4px  
4px 4px #7A2550; box-shadow:4px 4px 4px  
4px #7A2550 }
```

Background

The CSS property to change the background color of an element to Hex 7A2550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7A2550 }
```

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

```
.background{ background-color:#7A2550 }
```

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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