

Converting Colors

Hex(732451)

Have a look what the booklet for
Hex(732451) contains.

Hex(732451)	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(732451)

Conversions

Conversions Part 1

Format	Color
Hex	732451
RGB	115, 36, 81
RGB Percent	45%, 14%, 32%
CMY	0.5490, 0.8588, 0.6824
CMYK	0.00, 0.69, 0.30, 0.55
HSL	326°, 52%, 30%
HSV	326°, 69%, 45%
XYZ	9.1863, 5.5007, 8.3621
YIQ	64.7510, 32.6390, 30.7430

Conversions

Conversions Part 2

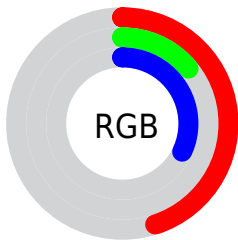
Format	Color
RYB	115, 36, 81
Decimal	7545937
CIELab	28.12, 39.30, -8.95
CIElCh	28, 40.309, 347.171
Yxy	5.5007, 0.3986, 0.2386
Android (android.graphics.Color)	4285736017 (0xFF732451)
YUV	64.7510, 8.0108, 44.0684
Hunter-Lab	23.4535, 28.8715, -4.7219

Details

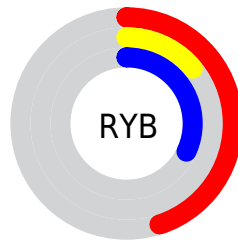
The Hex color **732451** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **247346**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **AA5782**, and **3F0024** is the 20% darker color. If you saturate the color by 10%, you get **73184C**, and if you desaturate by 10%, it is **732F56**.

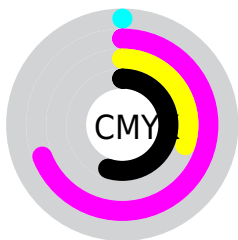
Distribution



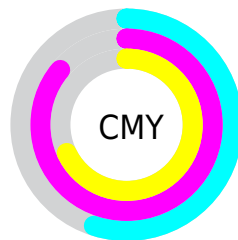
- Red (45%)
- Green (14%)
- Blue (32%)



- Red (45%)
- Yellow (14%)
- Blue (32%)



- Cyan (0%)
- Magenta (69%)
- Yellow (30%)
- Black (55%)



- Cyan (55%)
- Magenta (86%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color 732451 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 732451 by changing the saturation by 10% instead.

 732451

 732451

FFFFFF

 59063A

 AA5782

 3F0024

 C6709C

 2A000F

 E38BB7

 000000

 FFA6D3

 FFC2EF

 FFDEFF

 FFFBFF

 732451

 732451

73184C

732F56

730D47

733B5B

730142

734760

730042

735265

735E6A

73696F

737574

738079

738B7E

Harmonies

Analogous

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



5A316D



732451



792332

Triad

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



732451



404600



004F6F

Complementary

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



732451



247346

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.



005154



732451



194D14

Square

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



732451



5C3C00



005033



004A7F

Rectangle

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



732451



752A1E



005033



005067

Sweetspot

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



732451



967789



452473



4D3944



CCCCCC



4D4D4D

Same Dimension

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



732451



961B61



73242B



3B3538



7A0046



FA008E

Inverse Universe

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



732451



961B61



24736C



3B3538



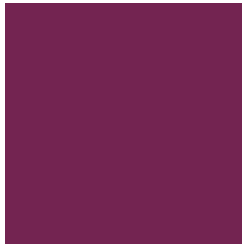
7A0046



FA008E

Previews

White Background



This preview shows how the Hex color 732451 looks on a white background.

Color Contrast Check

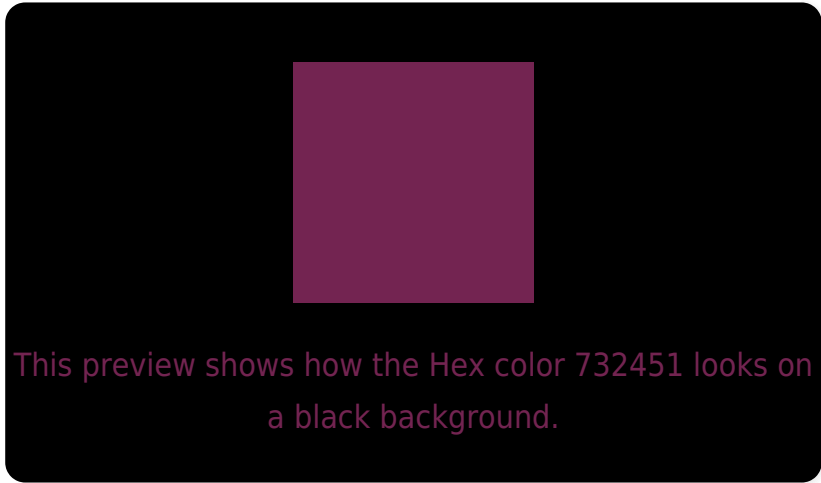
Large Text (above 18pt) WCAG AA ✓ Pass

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

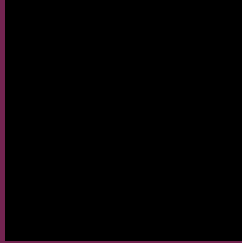
Any Text WCAG AA × Fail

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 732451 Background



This preview shows how black text looks on a background with the Hex color 732451.

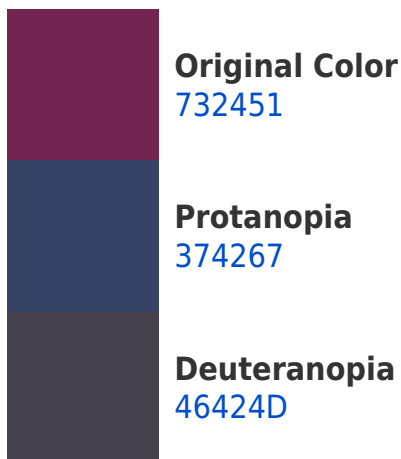


This preview shows how white text looks on a background with the Hex color 732451.

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





Tritanopia
702D30

Trichromacy



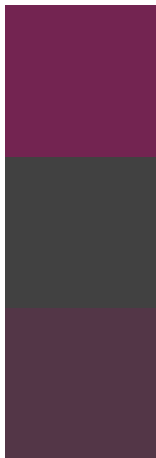
Original Color
732451

Protanomaly
4D375F

Deuteranomaly
56374E

Tritanomaly
712A3C

Monochromacy



Original Color
732451

Achromatopsia
414141

Achromatomaly
533647

CSS Examples

Text

The CSS property to change the color of the text to Hex 732451 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 #732451 looks like.

```
.text, #text, p{  
    color:#732451  
}
```

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 #732451 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #732451
}
```

Border

The CSS property to change the border of an element to Hex 732451 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
#732451 }
```

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

```
.border{ border-color:#732451 }
```

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

Here you see how a box with a 4 pixel #732451 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #732451; -webkit-box-shadow:4px 4px  
4px 4px #732451; box-shadow:4px 4px 4px  
4px #732451 }
```

Background

The CSS property to change the background color of an element to Hex 732451 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#732451 }
```

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

```
.background{ background-color:#732451 }
```

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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