

Converting Colors

Hex(762349)

Have a look what the booklet for
Hex(762349) contains.

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Color

Hex(762349)

Conversions

Conversions Part 1

Format	Color
Hex	762349
RGB	118, 35, 73
RGB Percent	46%, 14%, 29%
CMY	0.5373, 0.8627, 0.7137
CMYK	0.00, 0.70, 0.38, 0.54
HSL	333°, 54%, 30%
HSV	333°, 70%, 46%
XYZ	9.2748, 5.5347, 6.8828
YIQ	64.1490, 37.2700, 29.4140

Conversions

Conversions Part 2

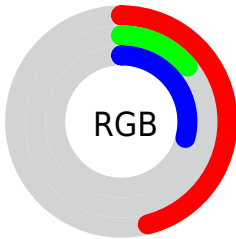
Format	Color
RYB	118, 35, 73
Decimal	7742281
CIELab	28.21, 39.65, -3.45
CIElCh	28, 39.797, 355.024
Yxy	5.5347, 0.4276, 0.2551
Android (android.graphics.Color)	4285932361 (0xFF762349)
YUV	64.1490, 4.3635, 47.2273
Hunter-Lab	23.5258, 29.2017, -0.8780

Details

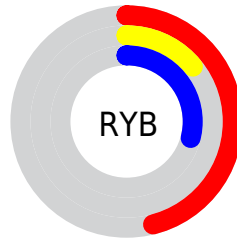
The Hex color **762349** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **237650**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **AD5679**, and **41001E** is the 20% darker color. If you saturate the color by 10%, you get **761743**, and if you desaturate by 10%, it is **762F4F**.

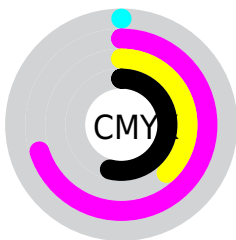
Distribution



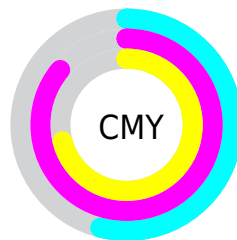
- Red (46%)
- Green (14%)
- Blue (29%)



- Red (46%)
- Yellow (14%)
- Blue (29%)



- Cyan (0%)
- Magenta (70%)
- Yellow (38%)
- Black (54%)



- Cyan (54%)
- Magenta (86%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 762349 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 762349 by changing the saturation by 10% instead.

 762349

 762349

FFFFFF

 5B0433

 AD5679

 41001E

 CA7093

 2C0002

 E78AAE

 000000

 FFA5C9

 FFC1E5

 FFDEFF

 FFFAFF

 762349

 762349

■ 761743

■ 762F4F

■ 760B3C

■ 763B56

■ 760036

■ 76465C

■ 765263

■ 765E69

■ 766A6F

■ 767676

■ 76817C

■ 768D83

Harmonies

Analogous

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



622E66



762349



78262B

Triad

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



762349



384801



004E74

Complementary

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



762349



237650

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.



00505C



762349



054E1D

Square

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



762349



553F00



00503C



004880

Rectangle

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



762349



712E18



00503C



004F6D

Sweetspot

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



762349



997988



4F2376



4D3942



CCCCCC



4D4D4D

Same Dimension

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



762349



991853



762623



3B3537



7A0038



FA0072

Inverse Universe

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



762349



991853



237376



3B3537



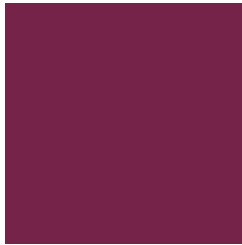
7A0038



FA0072

Previews

White Background



This preview shows how the Hex color 762349 looks on a white background.

Color Contrast Check

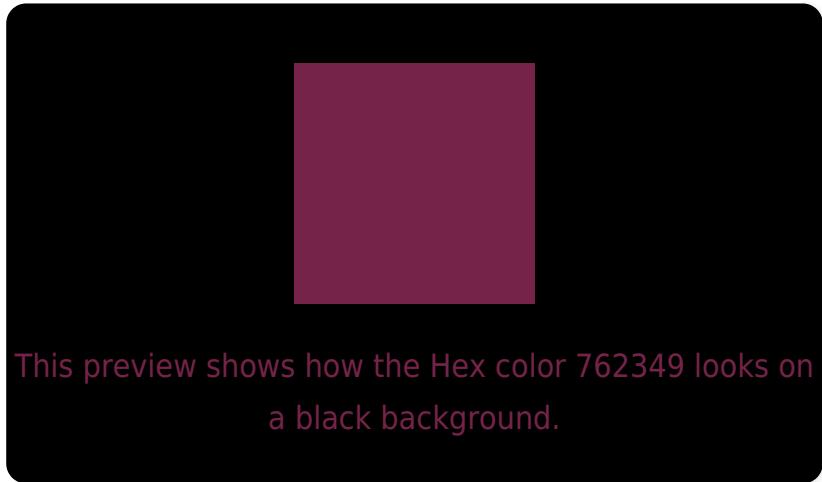
Large Text (above 18pt) WCAG AA ✓ Pass

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

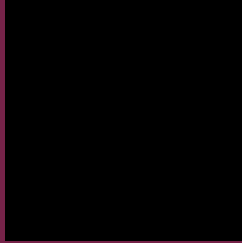
Any Text WCAG AA × Fail

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 762349 Background



This preview shows how black text looks on a background with the Hex color 762349.

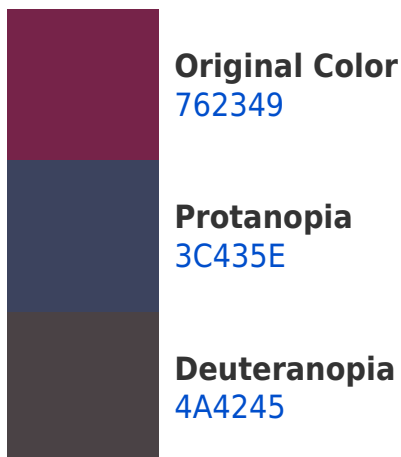


This preview shows how white text looks on a background with the Hex color 762349.

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



Trichromacy



Original Color
762349

Protanomaly
513756

Deuteranomaly
5A3746

Tritanomaly
752737

Monochromacy



Original Color
762349

Achromatopsia
404040

Achromatomaly
543543

CSS Examples

Text

The CSS property to change the color of the text to Hex 762349 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 #762349 looks like.

```
.text, #text, p{  
    color:#762349  
}
```

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 #762349 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #762349
}
```

Border

The CSS property to change the border of an element to Hex 762349 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
#762349 }
```

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

```
.border{ border-color:#762349 }
```

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

Here you see how a box with a 4 pixel #762349 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #762349; -webkit-box-shadow:4px 4px  
4px 4px #762349; box-shadow:4px 4px 4px  
4px #762349 }
```

Background

The CSS property to change the background color of an element to Hex 762349 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#762349 }
```

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

```
.background{ background-color:#762349 }
```

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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