

Converting Colors

Hex(273AB8)

Have a look what the booklet for
Hex(273AB8) contains.

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Color

Hex(273AB8)

Conversions

Conversions Part 1

Format	Color
Hex	273AB8
RGB	39, 58, 184
RGB Percent	15%, 23%, 72%
CMY	0.8471, 0.7725, 0.2784
CMYK	0.79, 0.68, 0.00, 0.28
HSL	232°, 65%, 44%
HSV	232°, 79%, 72%
XYZ	11.0015, 6.9181, 46.1029
YIQ	66.6830, -51.7700, 35.1580

Conversions

Conversions Part 2

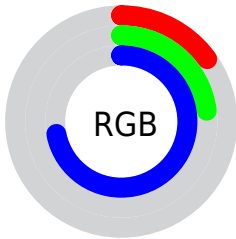
Format	Color
RYB	39, 56, 184
Decimal	2570936
CIELab	31.62, 38.42, -68.08
CIELCh	32, 78.170, 299.435
Yxy	6.9181, 0.1718, 0.1081
Android (android.graphics.Color)	4280761016 (0xFF273AB8)
YUV	66.6830, 57.8373, -24.2780
Hunter-Lab	26.3024, 28.6321, -85.5121




Details

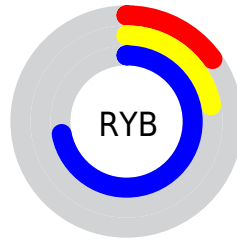
The Hex color **273AB8** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **B8A527**, and the grayscale version is **424242**.




A 20% lighter version of the original color is **6D69F1**, and **001082** is the 20% darker color. If you saturate the color by 10%, you get **152AB8**, and if you desaturate by 10%, it is **394AB8**.

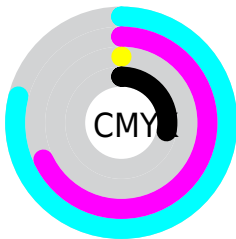
Distribution







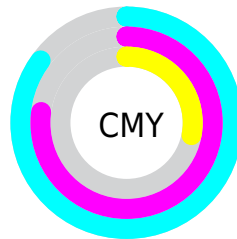
-  Red (15%)
-  Green (23%)
-  Blue (72%)






-  Red (15%)
-  Yellow (22%)
-  Blue (72%)



-  Cyan (79%)
-  Magenta (68%)
-  Yellow (0%)
-  Black (28%)



-  Cyan (85%)
-  Magenta (77%)
-  Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color 273AB8 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 273AB8 by changing the saturation by 10% instead.

■ 273AB8

■ 273AB8

FFFFFF

■ 00249C

■ 6D69F1

■ 001082

■ 8B83FF

■ 000068

■ A99DFF

■ 00084E

■ C7B8FF

■ 000537

■ E6D4FF

■ 000220

■ FFF0FF

■ 000005

■ 000000

■ 273AB8

■ 273AB8

■ 152AB8

■ 394AB8

■ 021AB8

■ 4C5AB8

■ 0018B8

■ 5E6AB8

■ 717AB8

■ 838AB8

■ 959AB8

■ A8AAB8

■ BABAB8

■ CDCAB8

Harmonies

Analogous

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



0055C9



273AB8



8E008A

Triad

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



273AB8



8A2800



006048

Complementary

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



273AB8



B8A527

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.



005E00



273AB8



5D4800

Square

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



273AB8



A80013



165700



006186

Rectangle

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



273AB8



A70063



165700



006032

Sweetspot

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



273AB8



B6BEF0



27B8A5



555A78



F7F7F7



787878

Same Dimension

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



273AB8



0C2AF0



5C27B8



53545C



00149C



00041C

Inverse Universe

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



B8273A



F00C2A



83B827



5C5354



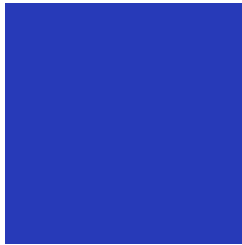
9C0014



1C0004

Previews

White Background



This preview shows how the Hex color 273AB8 looks on a white background.

Color Contrast Check

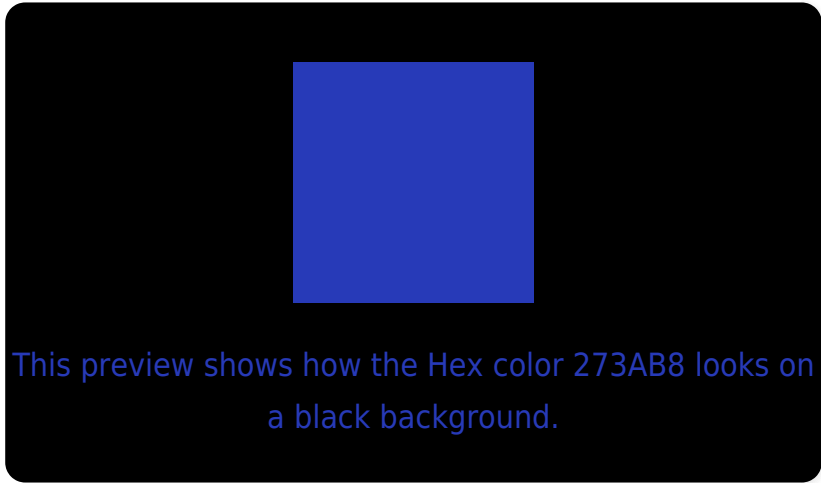
Large Text (above 18pt) WCAG AA ✓ Pass

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

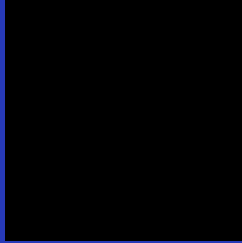
Any Text WCAG AA × Fail

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 273AB8 Background



This preview shows how black text looks on a background with the Hex color 273AB8.

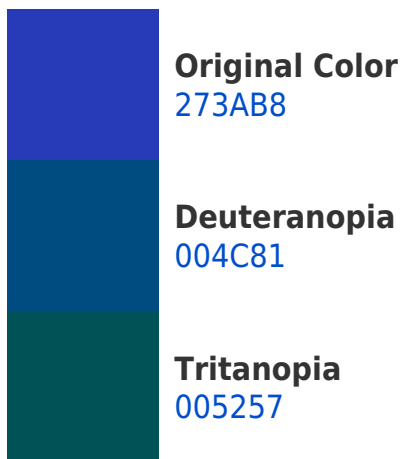


This preview shows how white text looks on a background with the Hex color 273AB8.

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
273AB8

Deuteranomaly
0E4595

Tritanomaly
0E497A

Monochromacy



Original Color
273AB8

Achromatopsia
434343

Achromatomaly
39406E

CSS Examples

Text

The CSS property to change the color of the text to Hex 273AB8 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 #273AB8 looks like.

```
.text, #text, p{  
    color:#273AB8  
}
```

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 #273AB8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #273AB8
}
```

Border

The CSS property to change the border of an element to Hex 273AB8 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".

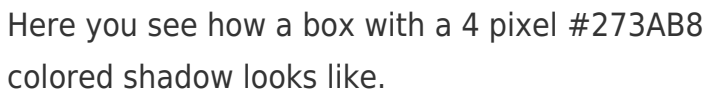
```
.border, #border, table{ border:4px solid
#273AB8 }
```

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

```
.border{ border-color:#273AB8 }
```

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

Here you see how a box with a 4 pixel #273AB8 colored shadow looks like.

A rectangular box with a blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #273AB8; -webkit-box-shadow:4px 4px  
4px 4px #273AB8; box-shadow:4px 4px 4px  
4px #273AB8 }
```

Background

The CSS property to change the background color of an element to Hex 273AB8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#273AB8 }
```

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

```
.background{ background-color:#273AB8 }
```

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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