

Converting Colors

Hex(274EA3)

Have a look what the booklet for
Hex(274EA3) contains.

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Color

Hex(274EA3)

Conversions

Conversions Part 1

Format	Color
Hex	274EA3
RGB	39, 78, 163
RGB Percent	15%, 31%, 64%
CMY	0.8471, 0.6941, 0.3608
CMYK	0.76, 0.52, 0.00, 0.36
HSL	221°, 61%, 40%
HSV	221°, 76%, 64%
XYZ	10.1719, 8.5245, 35.7596
YIQ	76.0290, -50.5290, 18.1670

Conversions

Conversions Part 2

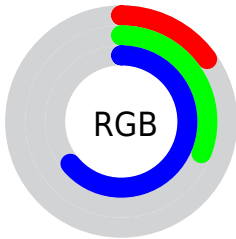
Format	Color
R_{YB}	39, 69, 163
Decimal	2576035
CIE _{Lab}	35.05, 17.34, -49.97
CIE _{LCh}	35, 52.889, 289.134
Yxy	8.5245, 0.1868, 0.1565
Android (android.graphics.Color)	4280766115 (0xFF274EA3)
YUV	76.0290, 42.8767, -32.4744
Hunter-Lab	29.1967, 11.0942, -52.1797

Details

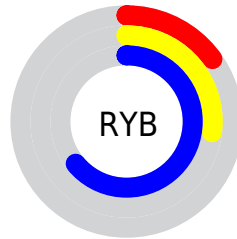
The Hex color **274EA3** is a dark color, and the websafe version is hex **3366CC**. A complement of this color would be **A37C27**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **667EDB**, and **00236E** is the 20% darker color. If you saturate the color by 10%, you get **1743A3**, and if you desaturate by 10%, it is **3759A3**.

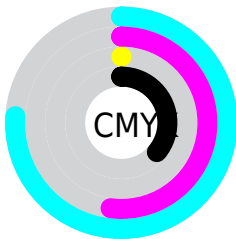
Distribution



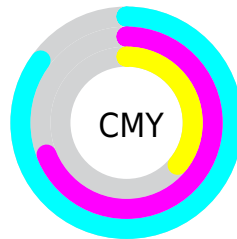
- Red (15%)
- Green (31%)
- Blue (64%)



- Red (15%)
- Yellow (27%)
- Blue (64%)



- Cyan (76%)
- Magenta (52%)
- Yellow (0%)
- Black (36%)



- Cyan (85%)
- Magenta (69%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 274EA3 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 274EA3 by changing the saturation by 10% instead.

■ 274EA3

■ 274EA3

FFFFFF

■ 003888

■ 667EDB

■ 00236E

■ 8398F7

■ 000F55

■ A0B3FF

■ 00063D

■ BDCEFF

■ 000327

■ DAEAFF

■ 000110

■ F8FFFF

■ 000000

■ 274EA3

■ 274EA3

■ 1743A3

■ 3759A3

■ 0638A3

■ 4864A3

■ 0033A3

■ 5870A3

■ 687BA3

■ 7986A3

■ 8991A3

■ 999CA3

■ A9A7A3

■ BAB3A3

Harmonies

Analogous

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



005CA6



274EA3



75398A

Triad

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



274EA3



8D3711



006441

Complementary

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



274EA3



A37C27

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.



086014



274EA3



714B00

Square

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



274EA3



9B233A



4B5900



00656D

Rectangle

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



274EA3



8D2971



4B5900



006332

Sweetspot

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



274EA3



A3B2D4



27A37C



4D576B



EBEBEB



6B6B6B

Same Dimension

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



274EA3



1350D4



3E27A3



494C52



002E91



000612

Inverse Universe

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



A3274E



D41350



8CA327



52494C



91002E



120006

Previews

White Background



This preview shows how the Hex color 274EA3 looks on a white background.

Color Contrast Check

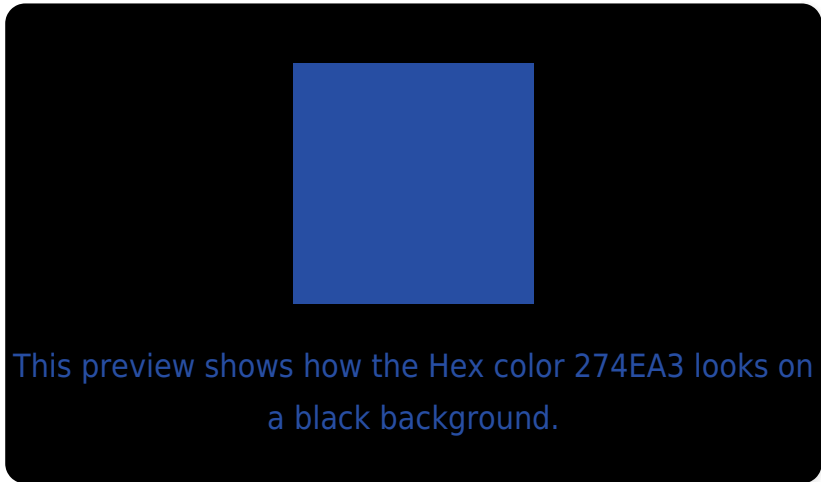
Large Text (above 18pt) WCAG AA ✓ Pass

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

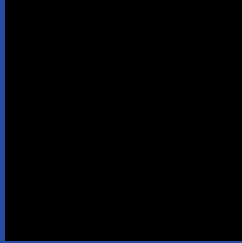
Any Text WCAG AA × Fail

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 274EA3 Background



This preview shows how black text looks on a background with the Hex color 274EA3.



This preview shows how white text looks on a background with the Hex color 274EA3.

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
274EA3

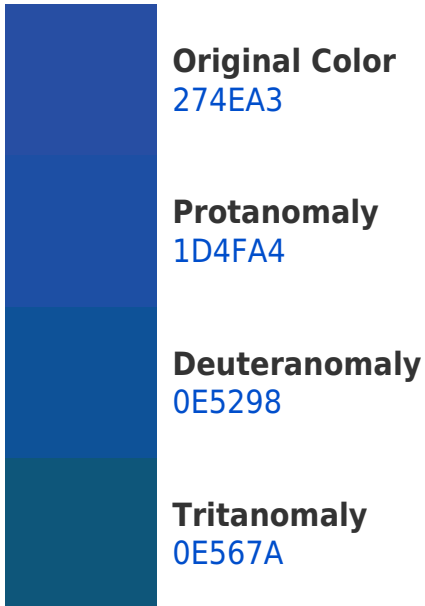
Protanopia
184FA4

Deuteranopia
005492



Tritanopia
005B62

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 274EA3 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 #274EA3 looks like.

```
.text, #text, p{  
    color:#274EA3  
}
```

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 #274EA3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #274EA3
}
```

Border

The CSS property to change the border of an element to Hex 274EA3 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
#274EA3 }
```

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

```
.border{ border-color:#274EA3 }
```

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

Here you see how a box with a 4 pixel #274EA3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #274EA3; -webkit-box-shadow:4px 4px  
4px 4px #274EA3; box-shadow:4px 4px 4px  
4px #274EA3 }
```

Background

The CSS property to change the background color of an element to Hex 274EA3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#274EA3 }
```

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

```
.background{ background-color:#274EA3 }
```

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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