

Converting Colors

Hex(274D8B)

Have a look what the booklet for
Hex(274D8B) contains.

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Color

Hex(274D8B)

Conversions

Conversions Part 1

Format	Color
Hex	274D8B
RGB	39, 77, 139
RGB Percent	15%, 30%, 55%
CMY	0.8471, 0.6980, 0.4549
CMYK	0.72, 0.45, 0.00, 0.45
HSL	217°, 56%, 35%
HSV	217°, 72%, 55%
XYZ	8.1508, 7.6032, 25.4641
YIQ	72.7060, -42.5500, 11.2260

Conversions

Conversions Part 2

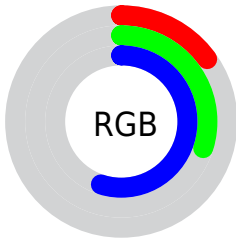
Format	Color
R_{YB}	39, 67, 139
Decimal	2575755
CIE _{Lab}	33.14, 8.67, -38.49
CIE _{LCh}	33, 39.457, 282.693
Yxy	7.6032, 0.1977, 0.1845
Android (android.graphics.Color)	4280765835 (0xFF274D8B)
YUV	72.7060, 32.6829, -29.5602
Hunter-Lab	27.5738, 4.5100, -35.4518

Details

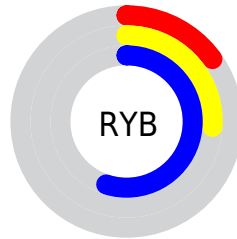
The Hex color **274D8B** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **8B6527**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **617DC1**, and **002258** is the 20% darker color. If you saturate the color by 10%, you get **19448B**, and if you desaturate by 10%, it is **35568B**.

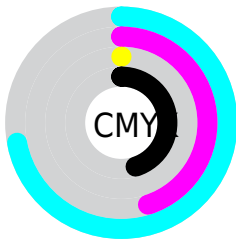
Distribution



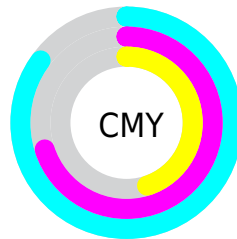
- Red (15%)
- Green (30%)
- Blue (55%)



- Red (15%)
- Yellow (26%)
- Blue (55%)



- Cyan (72%)
- Magenta (45%)
- Yellow (0%)
- Black (45%)



- Cyan (85%)
- Magenta (70%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 274D8B 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 274D8B by changing the saturation by 10% instead.

■ 274D8B

■ 274D8B

FFFFFF

■ 003771

■ 617DC1

■ 002258

■ 7C97DD

■ 000B41

■ 98B2FA

■ 00032A

■ B5CDFF

■ 000114

■ D1E9FF

■ 000000

■ EEEFFF

■ 274D8B

■ 274D8B

■ 19448B

■ 35568B

■ 0B3C8B

■ 435E8B

■ 00358B

■ 51678B

■ 5F6F8B

■ 6D788B

■ 7A818B

■ 88898B

■ 96928B

■ A49B8B

Harmonies

Analogous

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



005689



274D8B



60407C

Triad

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



274D8B



803925



005C3A

Complementary

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



274D8B



8B6527

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.



2E581D



274D8B



6C460E

Square

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



274D8B



863042



515107



005D5B

Rectangle

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



274D8B



76376B



515107



005B30

Sweetspot

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



274D8B



8D9CB5



278B65



444D5C



DBDBDB



5C5C5C

Same Dimension

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



274D8B



1955B5



33278B



3E4145



003285



000205

Inverse Universe

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



8B274D



B51955



7F8B27



453E41



850032



050002

Previews

White Background



This preview shows how the Hex color 274D8B looks on a white background.

Color Contrast Check

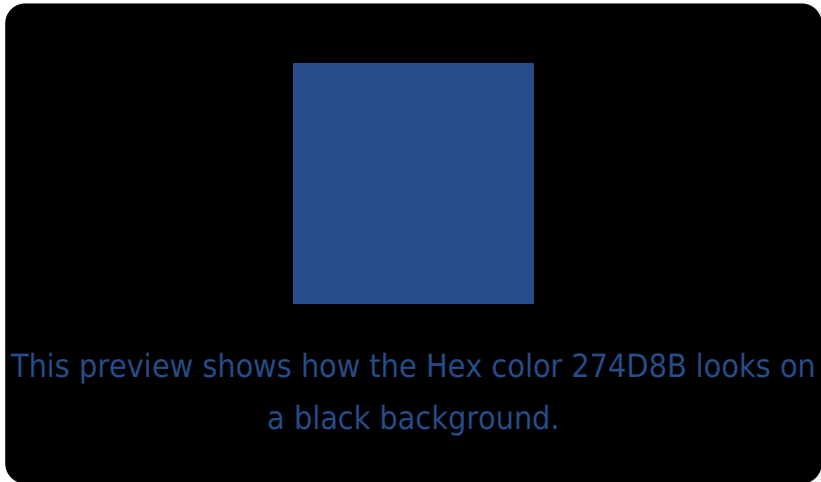
Large Text (above 18pt) WCAG AA ✓ Pass

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

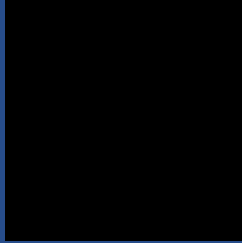
Any Text WCAG AA × Fail

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 274D8B Background



This preview shows how black text looks on a background with the Hex color 274D8B.

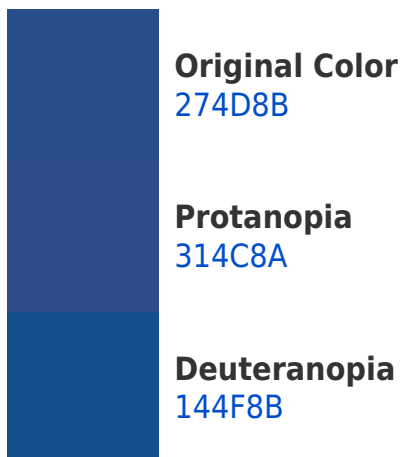


This preview shows how white text looks on a background with the Hex color 274D8B.

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
00565D

Trichromacy



Original Color
274D8B

Protanomaly
2D4C8A

Deuteranomaly
1B4E8B

Tritanomaly
0E536E

Monochromacy



Original Color
274D8B

Achromatopsia
494949

Achromatomaly
3D4A61

CSS Examples

Text

The CSS property to change the color of the text to Hex 274D8B 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 #274D8B looks like.

```
.text, #text, p{  
    color:#274D8B  
}
```

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 #274D8B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #274D8B
}
```

Border

The CSS property to change the border of an element to Hex 274D8B 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".

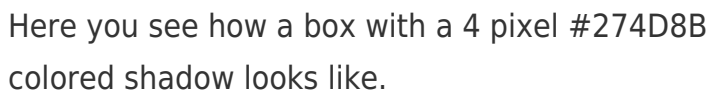
```
.border, #border, table{ border:4px solid
#274D8B }
```

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

```
.border{ border-color:#274D8B }
```

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

Here you see how a box with a 4 pixel #274D8B 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. The text inside the box is black and reads "Here you see how a box with a 4 pixel #274D8B colored shadow looks like."

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #274D8B; -webkit-box-shadow:4px 4px  
4px 4px #274D8B; box-shadow:4px 4px 4px  
4px #274D8B }
```

Background

The CSS property to change the background color of an element to Hex 274D8B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#274D8B }
```

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

```
.background{ background-color:#274D8B }
```

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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