

Converting Colors

Hex(274878)

Have a look what the booklet for
Hex(274878) contains.

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Color

Hex(274878)

Conversions

Conversions Part 1

Format	Color
Hex	274878
RGB	39, 72, 120
RGB Percent	15%, 28%, 47%
CMY	0.8471, 0.7176, 0.5294
CMYK	0.67, 0.40, 0.00, 0.53
HSL	216°, 51%, 31%
HSV	216°, 68%, 47%
XYZ	6.5442, 6.4221, 18.6640
YIQ	67.6050, -35.0760, 7.9320

Conversions

Conversions Part 2

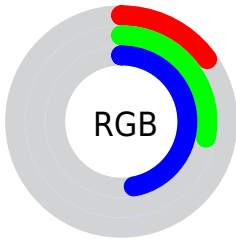
Format	Color
R_{YB}	39, 62, 120
Decimal	2574456
CIE _{Lab}	30.45, 4.70, -31.01
CIE _{LCh}	30, 31.362, 278.623
Yxy	6.4221, 0.2069, 0.2030
Android (android.graphics.Color)	4280764536 (0xFF274878)
YUV	67.6050, 25.8307, -25.0866
Hunter-Lab	25.3419, 1.7470, -25.9269




Details

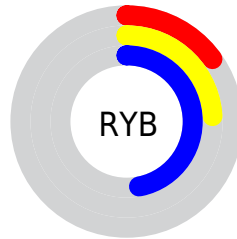
The Hex color **274878** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **785727**, and the grayscale version is **434343**.




A 20% lighter version of the original color is **5D78AD**, and **001D47** is the 20% darker color. If you saturate the color by 10%, you get **1B4178**, and if you desaturate by 10%, it is **334F78**.

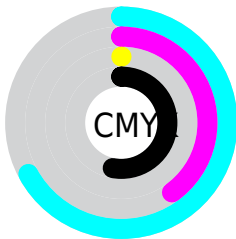
Distribution







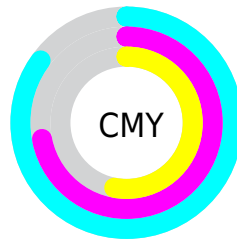
-  Red (15%)
-  Green (28%)
-  Blue (47%)






-  Red (15%)
-  Yellow (24%)
-  Blue (47%)



-  Cyan (67%)
-  Magenta (40%)
-  Yellow (0%)
-  Black (53%)



-  Cyan (85%)
-  Magenta (72%)
-  Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 274878 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 274878 by changing the saturation by 10% instead.

■ 274878

■ 274878

FFFFFF

■ 02325F

■ 5D78AD

■ 001D47

■ 7892C8

■ 000230

■ 93ACE4

■ 00011B

■ AFC7FF

■ 000000

■ CBE3FF

■ E8FFFF

■ 274878

■ 274878

■ 1B4178

■ 334F78

■ 0F3A78

■ 3F5678

■ 033378

■ 4B5D78

■ 003178

■ 576478

■ 636C78

■ 6F7378

■ 7B7A78

■ 878178

■ 938878

Harmonies

Analogous

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



004F75



274878



523E6E

Triad

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



274878



71372A



085335

Complementary

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



274878



785727

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.



344F20



274878



634019

Square

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



274878



753242



4F4914



00544E

Rectangle

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



274878



643861



4F4914



1D522D

Sweetspot

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



274878



7C899C



277856



3C444F



CFCFCF



4F4F4F

Same Dimension

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



274878



1E519C



2E2778



373A3D



00337D



0067FC

Inverse Universe

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



782748



9C1E51



717827



3D373A



7D0033



FC0067

Previews

White Background



This preview shows how the Hex color 274878 looks on a white background.

Color Contrast Check

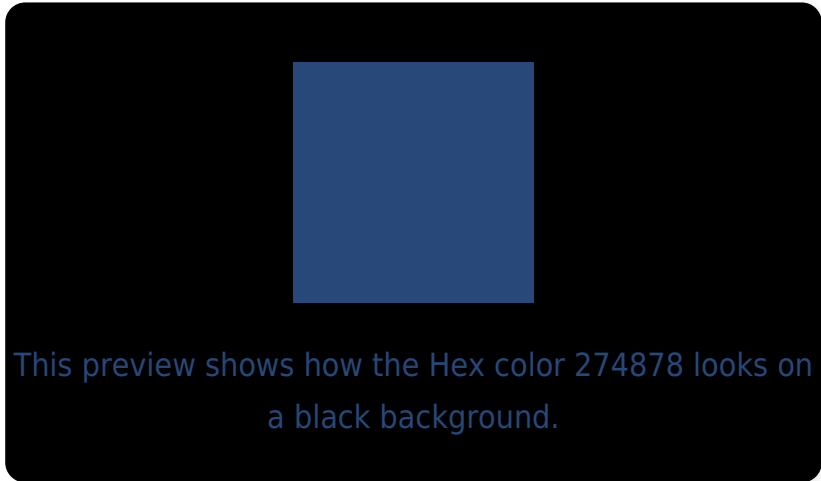
Large Text (above 18pt) WCAG AA ✓ Pass

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 274878 Background



This preview shows how black text looks on a background with the Hex color 274878.



This preview shows how white text looks on a background with the Hex color 274878.

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
274878

Protanopia
344676

Deuteranopia
264878



Tritanopia
0D4F56

Trichromacy



Original Color
274878

Protanomaly
2F4777

Deuteranomaly
264878

Tritanomaly
164C62

Monochromacy



Original Color
274878

Achromatopsia
444444

Achromatomaly
394557

CSS Examples

Text

The CSS property to change the color of the text to Hex 274878 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 #274878 looks like.

```
.text, #text, p{  
    color:#274878  
}
```

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 #274878 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #274878  
}
```

Border

The CSS property to change the border of an element to Hex 274878 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  
#274878 }
```

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

```
.border{ border-color:#274878 }
```

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

Here you see how a box with a 4 pixel #274878 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #274878; -webkit-box-shadow:4px 4px  
4px 4px #274878; box-shadow:4px 4px 4px  
4px #274878 }
```

Background

The CSS property to change the background color of an element to Hex 274878 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#274878 }
```

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

```
.background{ background-color:#274878 }
```

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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