

Converting Colors

Hex(2A4178)

Have a look what the booklet for
Hex(2A4178) contains.

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Color

Hex(2A4178)

Conversions

Conversions Part 1

Format	Color
Hex	2A4178
RGB	42, 65, 120
RGB Percent	16%, 25%, 47%
CMY	0.8353, 0.7451, 0.5294
CMYK	0.65, 0.46, 0.00, 0.53
HSL	222°, 48%, 32%
HSV	222°, 65%, 47%
XYZ	6.2353, 5.6289, 18.5271
YIQ	64.3930, -31.3630, 12.2290

Conversions

Conversions Part 2

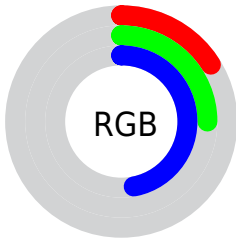
Format	Color
RYB	42, 60, 120
Decimal	2769272
CIELab	28.46, 10.03, -34.18
CIELCh	28, 35.621, 286.361
Yxy	5.6289, 0.2052, 0.1852
Android (android.graphics.Color)	4280959352 (0xFF2A4178)
YUV	64.3930, 27.4143, -19.6387
Hunter-Lab	23.7253, 5.3928, -29.6920




Details

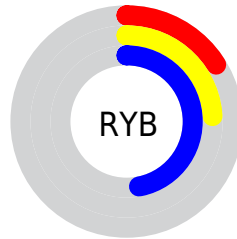
The Hex color **2A4178** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **78612A**, and the grayscale version is **404040**.




A 20% lighter version of the original color is **6070AD**, and **001747** is the 20% darker color. If you saturate the color by 10%, you get **1E3978**, and if you desaturate by 10%, it is **364978**.

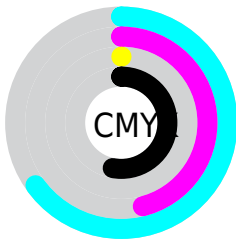
Distribution







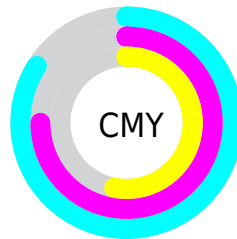
-  Red (16%)
-  Green (25%)
-  Blue (47%)






-  Red (16%)
-  Yellow (24%)
-  Blue (47%)



-  Cyan (65%)
-  Magenta (46%)
-  Yellow (0%)
-  Black (53%)



-  Cyan (84%)
-  Magenta (75%)
-  Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2A4178 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 2A4178 by changing the saturation by 10% instead.

■ 2A4178

■ 2A4178

FFFFFF

■ 082B5F

■ 6070AD

■ 001747

■ 7A8AC8

■ 000130

■ 95A4E4

■ 00011A

■ B1BFFF

■ 000000

■ CDDBFF

■ EAF7FF

■ 2A4178

■ 2A4178

■ 1E3978

■ 364978

■ 123078

■ 425278

■ 062878

■ 4E5A78

■ 002378

■ 5A6378

■ 666B78

■ 727478

■ 7E7C78

■ 8A8578

■ 968D78

Harmonies

Analogous

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



004A78



2A4178



573569

Triad

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



2A4178



6D321C



004F35

Complementary

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



2A4178



78612A

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.



224C1B



2A4178



5B3D09

Square

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



2A4178



752935



434607



005052

Rectangle

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



2A4178



692D5A



434607



004F2C

Sweetspot

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



2A4178



7C869C



2A7861



3C424F



CFCFCF



4F4F4F

Same Dimension

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



2A4178



22469C



3A2A78



37393D



00257D



004AFC

Inverse Universe

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



782A41



9C2246



68782A



3D3739



7D0025



FC004A

Previews

White Background



This preview shows how the Hex color 2A4178 looks on a white background.

Color Contrast Check

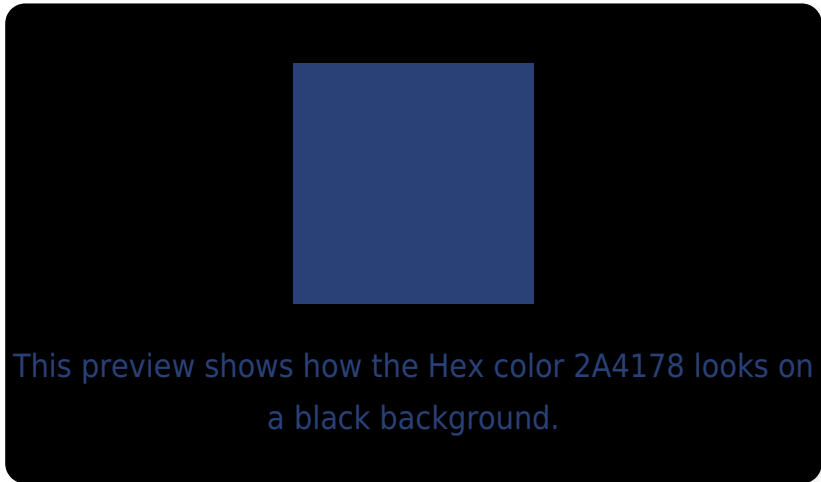
Large Text (above 18pt) WCAG AA ✓ Pass

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

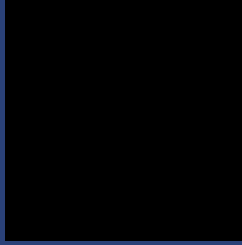
Any Text WCAG AA × Fail

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 2A4178 Background



This preview shows how black text looks on a background with the Hex color 2A4178.



This preview shows how white text looks on a background with the Hex color 2A4178.

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

2A4178

Protanopia

294178

Deuteranopia

124477



Tritanopia
114A50

Trichromacy



Original Color
2A4178

Protanomaly
294178

Deuteranomaly
1B4377

Tritanomaly
1A475F

Monochromacy



Original Color
2A4178

Achromatopsia
404040

Achromatomaly
384054

CSS Examples

Text

The CSS property to change the color of the text to Hex 2A4178 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 #2A4178 looks like.

```
.text, #text, p{  
    color:#2A4178  
}
```

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 #2A4178 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A4178
}
```

Border

The CSS property to change the border of an element to Hex 2A4178 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
#2A4178 }
```

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

```
.border{ border-color:#2A4178 }
```

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

Here you see how a box with a 4 pixel #2A4178 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A4178; -webkit-box-shadow:4px 4px  
4px 4px #2A4178; box-shadow:4px 4px 4px  
4px #2A4178 }
```

Background

The CSS property to change the background color of an element to Hex 2A4178 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A4178 }
```

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

```
.background{ background-color:#2A4178 }
```

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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