

Converting Colors

Hex(1D4278)

Have a look what the booklet for
Hex(1D4278) contains.

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Color

Hex(1D4278)

Conversions

Conversions Part 1

Format	Color
Hex	1D4278
RGB	29, 66, 120
RGB Percent	11%, 26%, 47%
CMY	0.8863, 0.7412, 0.5294
CMYK	0.76, 0.45, 0.00, 0.53
HSL	216°, 61%, 29%
HSV	216°, 76%, 47%
XYZ	5.8451, 5.5137, 18.5255
YIQ	61.0930, -39.3860, 8.9500

Conversions

Conversions Part 2

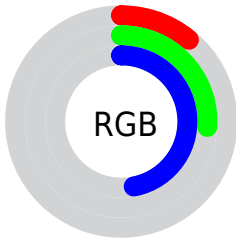
Format	Color
R_{YB}	29, 55, 120
Decimal	1917560
CIE _{Lab}	28.15, 7.05, -34.70
CIE _{LCh}	28, 35.411, 281.487
Yxy	5.5137, 0.1956, 0.1845
Android (android.graphics.Color)	4280107640 (0xFF1D4278)
YUV	61.0930, 29.0412, -28.1456
Hunter-Lab	23.4813, 3.3408, -30.3398

Details

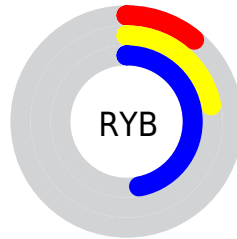
The Hex color **1D4278** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **78531D**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **5671AD**, and **001847** is the 20% darker color. If you saturate the color by 10%, you get **113B78**, and if you desaturate by 10%, it is **294978**.

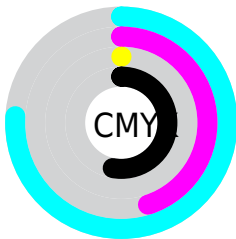
Distribution



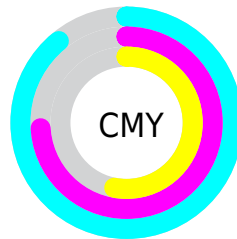
- Red (11%)
- Green (26%)
- Blue (47%)



- Red (11%)
- Yellow (22%)
- Blue (47%)



- Cyan (76%)
- Magenta (45%)
- Yellow (0%)
- Black (53%)



- Cyan (89%)
- Magenta (74%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1D4278 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 1D4278 by changing the saturation by 10% instead.

■ 1D4278

■ 1D4278

FFFFFF

■ 002C5F

■ 5671AD

■ 001847

■ 718BC8

■ 000430

■ 8DA5E4

■ 00011A

■ A8C0FF

■ 000000

■ C5DCFF

■ E1F8FF

■ 1D4278

■ 1D4278

■ 113B78

■ 294978

■ 053478

■ 355078

■ 003178

■ 415778

■ 4D5E78

■ 596678

■ 656D78

■ 717478

■ 7D7B78

■ 898278

Harmonies

Analogous

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



004A76



1D4278



51376B

Triad

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



1D4278



6E3020



004E30

Complementary

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



1D4278



78531D

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.



284B16



1D4278



5E3B0B

Square

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



1D4278



742839



464405



004F4C

Rectangle

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



1D4278



642F5D



464405



024D27

Sweetspot

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



1D4278



78869C



1D7852



39424F



CFCFCF



4F4F4F

Same Dimension

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



1D4278



0E489C



251D78



373A3D



00337D



0067FC

Inverse Universe

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



781D42



9C0E48



70781D



3D373A



7D0033



FC0067

Previews

White Background



This preview shows how the Hex color 1D4278 looks on a white background.

Color Contrast Check

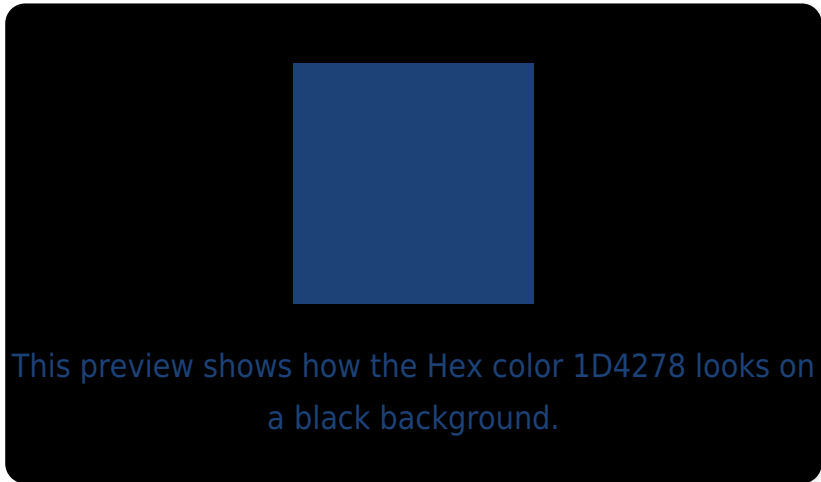
Large Text (above 18pt) WCAG AA ✓ Pass

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 1D4278 Background



This preview shows how black text looks on a background with the Hex color 1D4278.



This preview shows how white text looks on a background with the Hex color 1D4278.

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
1D4278

Protanopia
294177

Deuteranopia
074478



Tritanopia
004A4F

Trichromacy



Original Color
1D4278

Protanomaly
254177

Deuteranomaly
0F4378

Tritanomaly
0B475E

Monochromacy



Original Color
1D4278

Achromatopsia
3D3D3D

Achromatomaly
313F52

CSS Examples

Text

The CSS property to change the color of the text to Hex 1D4278 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 #1D4278 looks like.

```
.text, #text, p{  
    color:#1D4278  
}
```

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 #1D4278 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1D4278
}
```

Border

The CSS property to change the border of an element to Hex 1D4278 is called "border". The border property can be set on classes, ids or directly on the HTML element.

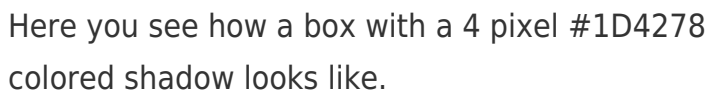
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#1D4278 }
```

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

```
.border{ border-color:#1D4278 }
```

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



Here you see how a box with a 4 pixel #1D4278 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1D4278; -webkit-box-shadow:4px 4px  
4px 4px #1D4278; box-shadow:4px 4px 4px  
4px #1D4278 }
```

Background

The CSS property to change the background color of an element to Hex 1D4278 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1D4278 }
```

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

```
.background{ background-color:#1D4278 }
```

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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