

Converting Colors

Hex(1D4C8E)

Have a look what the booklet for
Hex(1D4C8E) contains.

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Color

Hex(1D4C8E)

Conversions

Conversions Part 1

Format	Color
Hex	1D4C8E
RGB	29, 76, 142
RGB Percent	11%, 30%, 56%
CMY	0.8863, 0.7020, 0.4431
CMYK	0.80, 0.46, 0.00, 0.44
HSL	215°, 66%, 34%
HSV	215°, 80%, 56%
XYZ	7.9736, 7.3831, 26.5960
YIQ	69.4710, -49.1980, 10.5620

Conversions

Conversions Part 2

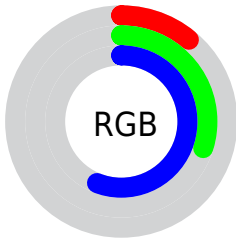
Format	Color
R _Y B	29, 62, 142
Decimal	1920142
CIE Lab	32.66, 9.12, -41.12
CIE LCh	33, 42.118, 282.512
Yxy	7.3831, 0.1901, 0.1760
Android (android.graphics.Color)	4280110222 (0xFF1D4C8E)
YUV	69.4710, 35.7568, -35.4931
Hunter-Lab	27.1718, 4.8304, -39.0132




Details

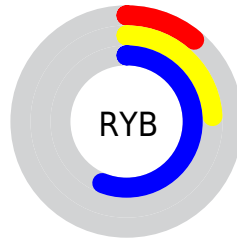
The Hex color **1D4C8E** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **8E5F1D**, and the grayscale version is **454545**.




A 20% lighter version of the original color is **5B7CC4**, and **00215B** is the 20% darker color. If you saturate the color by 10%, you get **0F448E**, and if you desaturate by 10%, it is **2B548E**.

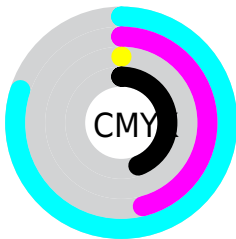
Distribution







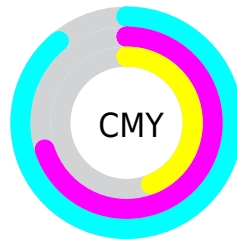
-  Red (11%)
-  Green (30%)
-  Blue (56%)






-  Red (11%)
-  Yellow (24%)
-  Blue (56%)



-  Cyan (80%)
-  Magenta (46%)
-  Yellow (0%)
-  Black (44%)



-  Cyan (89%)
-  Magenta (70%)
-  Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1D4C8E 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 1D4C8E by changing the saturation by 10% instead.

■ 1D4C8E

■ 1D4C8E

FFFFFF

■ 003674

■ 5B7CC4

■ 00215B

■ 7796E0

■ 000943

■ 94B1FD

■ 00032C

■ B0CCFF

■ 000117

■ CDE8FF

■ 000000

■ EAFFFF

■ 1D4C8E

■ 1D4C8E

■ 0F448E

■ 2B548E

■ 013B8E

■ 395D8E

■ 003B8E

■ 48658E

■ 566D8E

■ 64758E

■ 727E8E

■ 80868E

■ 8F8E8E

■ 9D978E

Harmonies

Analogous

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



00568C



1D4C8E



603E7E

Triad

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



1D4C8E



813621



005B38

Complementary

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



1D4C8E



8E5F1D

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.



2A5717



1D4C8E



6D4405

Square

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



1D4C8E



882B40



505000



005C5A

Rectangle

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



1D4C8E



77336C



505000



005A2C

Sweetspot

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



1D4C8E



8C9EB8



1D8E5F



414C5C



DBDBDB



5C5C5C

Same Dimension

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



1D4C8E



0952B8



261D8E



404347



003887



000308

Inverse Universe

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



8E1D4C



B80952



858E1D



474043



870038



080003

Previews

White Background



This preview shows how the Hex color 1D4C8E looks on a white background.

Color Contrast Check

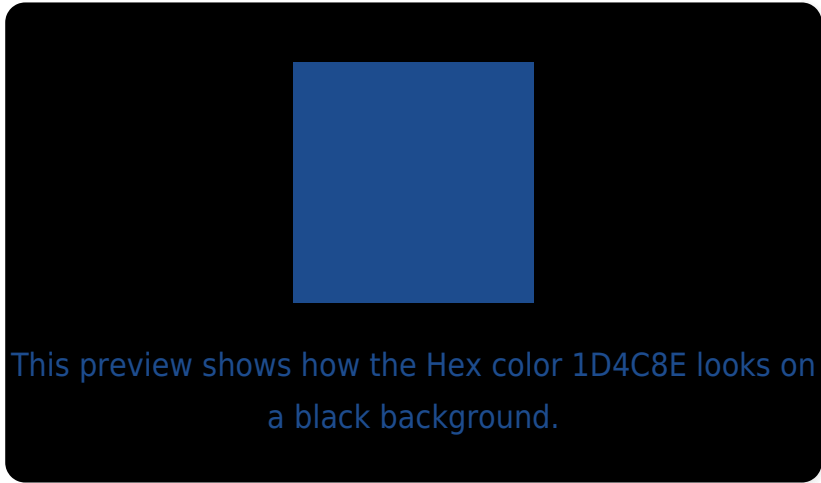
Large Text (above 18pt) WCAG AA ✓ Pass

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 1D4C8E Background



This preview shows how black text looks on a background with the Hex color 1D4C8E.



This preview shows how white text looks on a background with the Hex color 1D4C8E.

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](#).

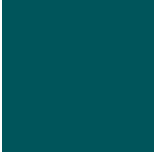
Dichromacy



Original Color
1D4C8E

Protanopia
2B4A8C

Deuteranopia
004E8A



Tritanopia
00555B

Trichromacy



Original Color
1D4C8E

Protanomaly
264B8D

Deuteranomaly
0B4D8B

Tritanomaly
0B526E

Monochromacy



Original Color
1D4C8E

Achromatopsia
454545

Achromatomaly
364860

CSS Examples

Text

The CSS property to change the color of the text to Hex 1D4C8E 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 #1D4C8E looks like.

```
.text, #text, p{  
    color:#1D4C8E  
}
```

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 #1D4C8E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1D4C8E
}
```

Border

The CSS property to change the border of an element to Hex 1D4C8E 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
#1D4C8E }
```

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

```
.border{ border-color:#1D4C8E }
```

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

Here you see how a box with a 4 pixel #1D4C8E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1D4C8E; -webkit-box-shadow:4px 4px  
4px 4px #1D4C8E; box-shadow:4px 4px 4px  
4px #1D4C8E }
```

Background

The CSS property to change the background color of an element to Hex 1D4C8E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1D4C8E }
```

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

```
.background{ background-color:#1D4C8E }
```

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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