

# Converting Colors

Hex(1D4D9B)

Have a look what the booklet for  
Hex(1D4D9B) contains.

<b>Hex(1D4D9B)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(1D4D9B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	1D4D9B
RGB	29, 77, 155
RGB Percent	11%, 30%, 61%
CMY	0.8863, 0.6980, 0.3922
CMYK	0.81, 0.50, 0.00, 0.39
HSL	217°, 68%, 36%
HSV	217°, 81%, 61%
XYZ	9.0770, 7.9355, 32.0636
YIQ	71.5400, -53.6460, 14.0820

# Conversions

## Conversions Part 2

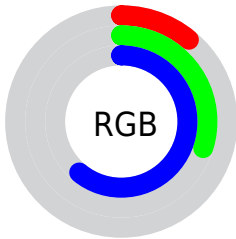
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	29, 64, 155
Decimal	1920411
CIE <sub>Lab</sub>	33.85, 13.68, -47.11
CIE <sub>LCh</sub>	34, 49.061, 286.192
Y <sub>xy</sub>	7.9355, 0.1850, 0.1617
Android (android.graphics.Color)	4280110491 (0xFF1D4D9B)
YUV	71.5400, 41.1458, -37.3076
Hunter-Lab	28.1701, 8.2187, -47.7659

# Details

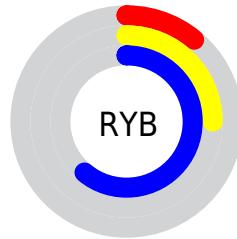
The Hex color **1D4D9B** is a dark color, and the websafe version is hex **0066CC**. A complement of this color would be **9B6B1D**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **5F7DD2**, and **002267** is the 20% darker color. If you saturate the color by 10%, you get **0E439B**, and if you desaturate by 10%, it is **2D579B**.

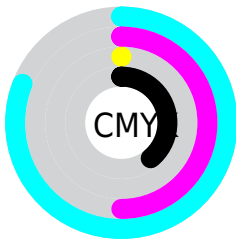
# Distribution



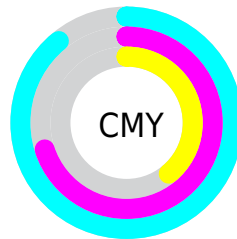
- Red (11%)
- Green (30%)
- Blue (61%)



- Red (11%)
- Yellow (25%)
- Blue (61%)



- Cyan (81%)
- Magenta (50%)
- Yellow (0%)
- Black (39%)



- Cyan (89%)
- Magenta (70%)
- Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1D4D9B 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 1D4D9B by changing the saturation by 10% instead.



■ 1D4D9B

■ 1D4D9B

FFFFFF

■ 003781

■ 5F7DD2

■ 002267

■ 7B97EF

■ 000D4E

■ 98B2FF

■ 000537

■ B5CDFF

■ 000220

■ D2E9FF

■ 000005

■ F0FFFF

■ 000000

■ 1D4D9B

■ 1D4D9B

■ 0E439B

■ 2D579B

003B9B

3C609B

4C6A9B

5B739B

6B7D9B

7A879B

8A909B

999A9B

A9A39B

# Harmonies

## Analogous

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



00599C



1D4D9B



6B3B86

# Triad

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



1D4D9B



893518



00603C

# Complementary

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



1D4D9B



9B6B1D

# 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.



1B5C13



1D4D9B



704700

# Square

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



1D4D9B



94253C



4D5400



006164

# Rectangle

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



1D4D9B



842D70



4D5400



005F2E



# Sweetspot

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



1D4D9B



99ACC9



1D9B6B



485466



E6E6E6



666666



# Same Dimension

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



1D4D9B



044FC9



2C1D9B



45484D



00358C



00050D



# Inverse Universe

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



9B1D4D



C9044F



8C9B1D



4D4548



8C0035



0D0005



# Previews

## White Background



This preview shows how the Hex color 1D4D9B looks on a white background.

## Color Contrast Check

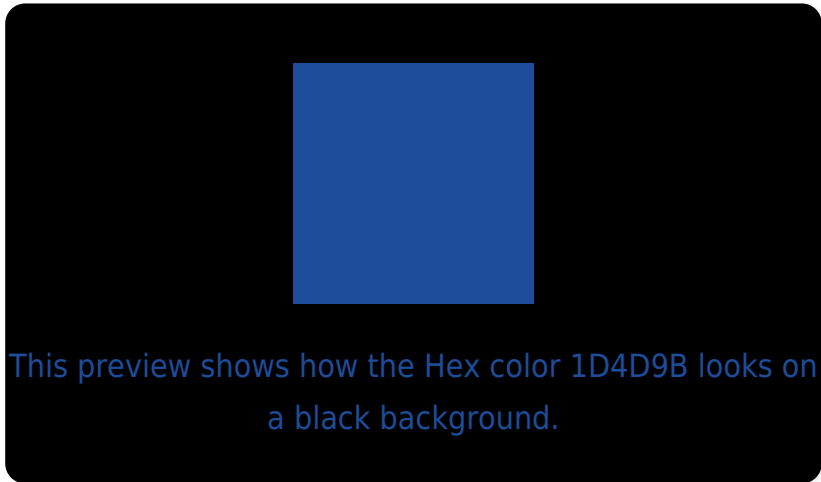
Large Text (above 18pt) WCAG AA ✓ Pass

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 1D4D9B Background



This preview shows how black text looks on a background with the Hex color 1D4D9B.



This preview shows how white text looks on a background with the Hex color 1D4D9B.

# 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**  
1D4D9B

**Protanopia**  
204D9B

**Deuteranopia**  
00518D



# Trichromacy



**Original Color**  
1D4D9B

**Protanomaly**  
1F4D9B

**Deuteranomaly**  
0B5092

**Tritanomaly**  
0B5474

# Monochromacy



**Original Color**  
1D4D9B

**Achromatopsia**  
484848

**Achromatomaly**  
384A66

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1D4D9B 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 #1D4D9B looks like.

```
.text, #text, p{  
    color:#1D4D9B  
}
```

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 #1D4D9B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1D4D9B
}
```

## Border

The CSS property to change the border of an element to Hex 1D4D9B 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
#1D4D9B }
```

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

```
.border{ border-color:#1D4D9B }
```

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

Here you see how a box with a 4 pixel #1D4D9B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1D4D9B; -webkit-box-shadow:4px 4px  
4px 4px #1D4D9B; box-shadow:4px 4px 4px  
4px #1D4D9B }
```

# Background

The CSS property to change the background color of an element to Hex 1D4D9B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1D4D9B }
```

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

```
.background{ background-color:#1D4D9B }
```

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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