

Converting Colors

Hex(1D359B)

Have a look what the booklet for
Hex(1D359B) contains.

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Color

Hex(1D359B)

Conversions

Conversions Part 1

Format	Color
Hex	1D359B
RGB	29, 53, 155
RGB Percent	11%, 21%, 61%
CMY	0.8863, 0.7922, 0.3922
CMYK	0.81, 0.66, 0.00, 0.39
HSL	229°, 68%, 36%
HSV	229°, 81%, 61%
XYZ	7.6962, 5.1740, 31.6034
YIQ	57.4520, -47.0460, 26.6340

Conversions

Conversions Part 2

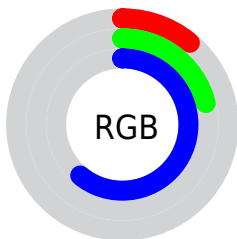
Format	Color
R_{YB}	29, 49, 155
Decimal	1914267
CIE _{Lab}	27.22, 30.00, -57.89
CIE _{LCh}	27, 65.206, 297.392
Yxy	5.1740, 0.1731, 0.1163
Android (android.graphics.Color)	4280104347 (0xFF1D359B)
YUV	57.4520, 48.0912, -24.9524
Hunter-Lab	22.7464, 20.5890, -66.4540

Details

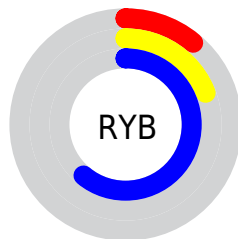
The Hex color **1D359B** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **9B831D**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **6063D2**, and **000D67** is the 20% darker color. If you saturate the color by 10%, you get **0E289B**, and if you desaturate by 10%, it is **2D429B**.

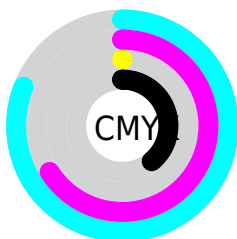
Distribution



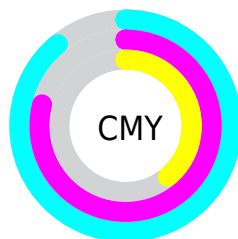
- Red (11%)
- Green (21%)
- Blue (61%)



- Red (11%)
- Yellow (19%)
- Blue (61%)



- Cyan (81%)
- Magenta (66%)
- Yellow (0%)
- Black (39%)



- Cyan (89%)
- Magenta (79%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1D359B 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 1D359B by changing the saturation by 10% instead.

■ 1D359B

■ 1D359B

FFFFFF

■ 002080

■ 6063D2

■ 000D67

■ 7E7CEF

■ 00004E

■ 9A96FF

■ 000536

■ B8B1FF

■ 000220

■ D5CCFF

■ 000003

■ F3E9FF

■ 000000

■ 1D359B

■ 1D359B

■ 0E289B

■ 2D429B

■ 001E9B

■ 3C4E9B

■ 4C5B9B

■ 5B679B

■ 6B749B

■ 7A809B

■ 8A8D9B

■ 99999B

■ A9A69B

Harmonies

Analogous

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



0049A7



1D359B



750477

Triad

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



1D359B



782300



00533A

Complementary

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



1D359B



9B831D

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.



005000



1D359B



533D00

Square

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



1D359B



8F0017



204A00



00546E

Rectangle

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



1D359B



8B0058



204A00



005229

Sweetspot

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



1D359B



99A2C9



1D9B82



484E66



E6E6E6



666666

Same Dimension

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



1D359B



042AC9



431D9B



45464D



001B8C



00020D

Inverse Universe

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



9B1D35



C9042A



759B1D



4D4546



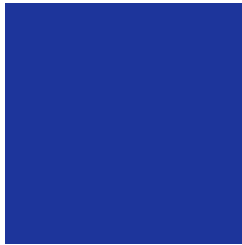
8C001B



0D0002

Previews

White Background



This preview shows how the Hex color 1D359B looks on a white background.

Color Contrast Check

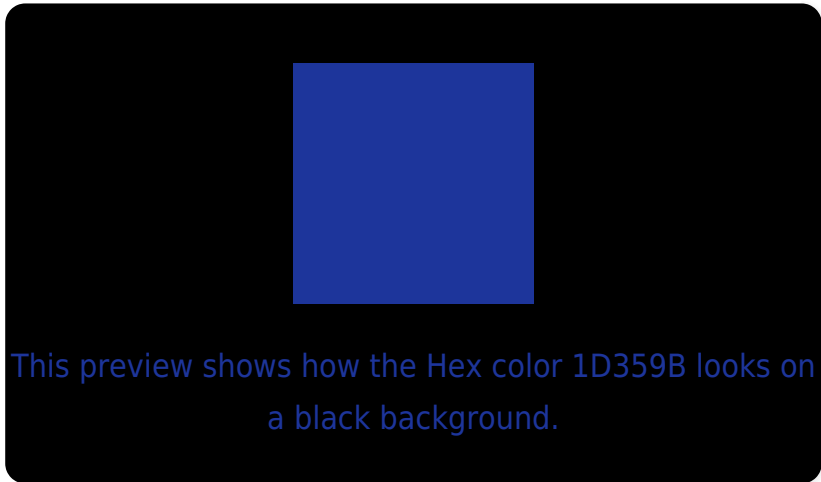
Large Text (above 18pt) WCAG AA ✓ Pass

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

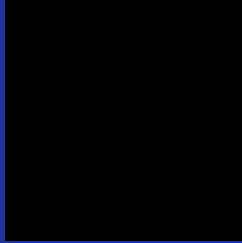
Any Text WCAG AA × Fail

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 1D359B Background



This preview shows how black text looks on a background with the Hex color 1D359B.

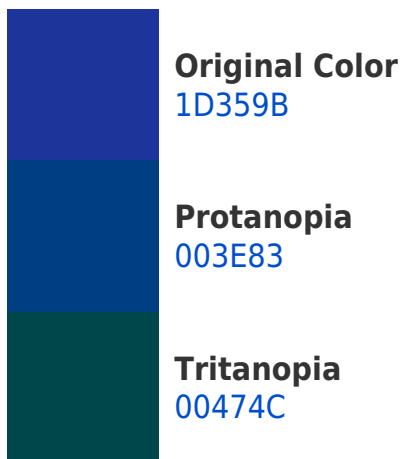


This preview shows how white text looks on a background with the Hex color 1D359B.

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



Trichromacy



Original Color
1D359B

Protanomaly
0B3B8C

Tritanomaly
0B4069

Monochromacy



Original Color
1D359B

Achromatopsia
393939

Achromatomaly
2F385D

CSS Examples

Text

The CSS property to change the color of the text to Hex 1D359B 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 #1D359B looks like.

```
.text, #text, p{  
    color:#1D359B  
}
```

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 #1D359B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1D359B
}
```

Border

The CSS property to change the border of an element to Hex 1D359B 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
#1D359B }
```

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

```
.border{ border-color:#1D359B }
```

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

Here you see how a box with a 4 pixel #1D359B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1D359B; -webkit-box-shadow:4px 4px  
4px 4px #1D359B; box-shadow:4px 4px 4px  
4px #1D359B }
```

Background

The CSS property to change the background color of an element to Hex 1D359B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1D359B }
```

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

```
.background{ background-color:#1D359B }
```

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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