

Converting Colors

Hex(1D3173)

Have a look what the booklet for
Hex(1D3173) contains.

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Color

Hex(1D3173)

Conversions

Conversions Part 1

Format	Color
Hex	1D3173
RGB	29, 49, 115
RGB Percent	11%, 19%, 45%
CMY	0.8863, 0.8078, 0.5490
CMYK	0.75, 0.57, 0.00, 0.55
HSL	226°, 60%, 28%
HSV	226°, 75%, 45%
XYZ	4.6995, 3.6956, 16.6853
YIQ	50.5440, -33.1060, 16.2860

Conversions

Conversions Part 2

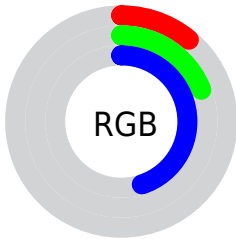
Format	Color
R_{YB}	29, 45, 115
Decimal	1913203
CIE _{Lab}	22.64, 16.97, -40.41
CIE _{LCh}	23, 43.827, 292.782
Yxy	3.6956, 0.1874, 0.1474
Android (android.graphics.Color)	4280103283 (0xFF1D3173)
YUV	50.5440, 31.7768, -18.8941
Hunter-Lab	19.2241, 9.9941, -38.0032

Details

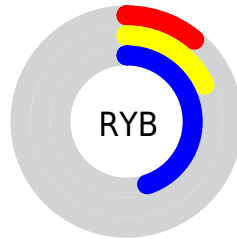
The Hex color **1D3173** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **735F1D**, and the grayscale version is **323232**.

A 20% lighter version of the original color is **565FA8**, and **000342** is the 20% darker color. If you saturate the color by 10%, you get **122873**, and if you desaturate by 10%, it is **293A73**.

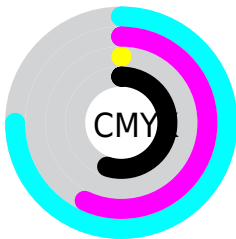
Distribution



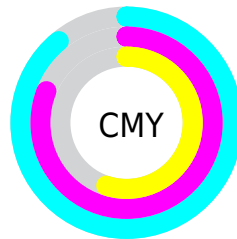
- Red (11%)
- Green (19%)
- Blue (45%)



- Red (11%)
- Yellow (18%)
- Blue (45%)



- Cyan (75%)
- Magenta (57%)
- Yellow (0%)
- Black (55%)



- Cyan (89%)
- Magenta (81%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1D3173 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 1D3173 by changing the saturation by 10% instead.

■ 1D3173

■ 1D3173

FFFFFF

■ 001C5A

■ 565FA8

■ 000342

■ 7177C3

■ 00032B

■ 8C91DF

■ 000115

■ A8ABFC

■ 000000

■ C4C7FF

■ E1E3FF

FEFFFF

■ 1D3173

■ 1D3173

■ 122873

■ 293A73

■ 061F73

■ 344373

■ 001B73

■ 404B73

■ 4B5473

■ 575D73

■ 626673

■ 6E6F73

■ 797873

■ 858073

Harmonies

Analogous

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



003D78



1D3173



551F5E

Triad

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



1D3173



612300



00432D

Complementary

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



1D3173



735F1D

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.



004109



1D3173



4A3200

Square

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



1D3173



6D0F1F



2C3C00



00444F

Rectangle

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



1D3173



66114A



2C3C00



004321

Sweetspot

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



1D3173



757D96



1D735F



393D4D



CCCCCC



4D4D4D

Same Dimension

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



1D3173



0F2F96



341D73



35363B



001C7A



003AFA

Inverse Universe

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



731D31



960F2F



5C731D



3B3536



7A001C



FA003A

Previews

White Background



This preview shows how the Hex color 1D3173 looks on a white background.

Color Contrast Check

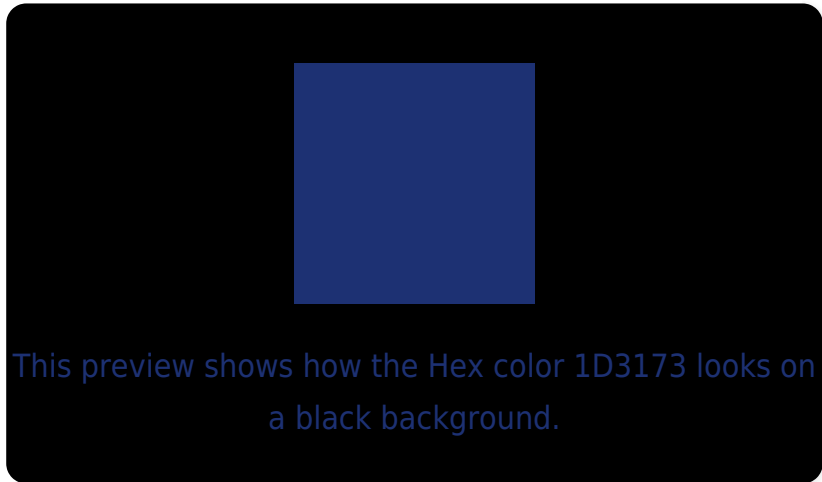
Large Text (above 18pt) WCAG AA ✓ Pass

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 1D3173 Background



This preview shows how black text looks on a background with the Hex color 1D3173.



This preview shows how white text looks on a background with the Hex color 1D3173.

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
1D3173

Deuteranopia
003860

Tritanopia
003C40

Trichromacy



Original Color
1D3173

Deuteranomaly
0B3567

Tritanomaly
0B3853

Monochromacy



Original Color
1D3173

Achromatopsia
333333

Achromatomaly
2B324A

CSS Examples

Text

The CSS property to change the color of the text to Hex 1D3173 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 #1D3173 looks like.

```
.text, #text, p{  
    color:#1D3173  
}
```

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 #1D3173 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1D3173
}
```

Border

The CSS property to change the border of an element to Hex 1D3173 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
#1D3173 }
```

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

```
.border{ border-color:#1D3173 }
```

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

Here you see how a box with a 4 pixel #1D3173 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1D3173; -webkit-box-shadow:4px 4px  
4px 4px #1D3173; box-shadow:4px 4px 4px  
4px #1D3173 }
```

Background

The CSS property to change the background color of an element to Hex 1D3173 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1D3173 }
```

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

```
.background{ background-color:#1D3173 }
```

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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