

Converting Colors

Hex(1B335B)

Have a look what the booklet for
Hex(1B335B) contains.

Hex(1B335B)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(1B335B)

Conversions

Conversions Part 1

Format	Color
Hex	1B335B
RGB	27, 51, 91
RGB Percent	11%, 20%, 36%
CMY	0.8941, 0.8000, 0.6431
CMYK	0.70, 0.44, 0.00, 0.64
HSL	218°, 54%, 23%
HSV	218°, 70%, 36%
XYZ	3.5241, 3.3560, 10.3596
YIQ	48.3840, -27.1440, 7.3520

Conversions

Conversions Part 2

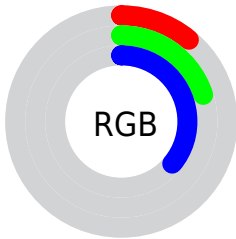
Format	Color
R_YB	27, 44, 91
Decimal	1782619
CIE Lab	21.42, 5.45, -26.79
CIE LCh	21, 27.341, 281.496
Yxy	3.3560, 0.2044, 0.1947
Android (android.graphics.Color)	4279972699 (0xFF1B335B)
YUV	48.3840, 21.0097, -18.7538
Hunter-Lab	18.3194, 2.2796, -20.7048

Details

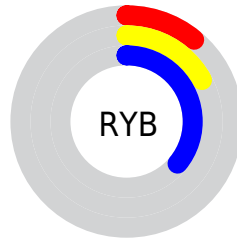
The Hex color **1B335B** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **5B431B**, and the grayscale version is **303030**.

A 20% lighter version of the original color is **4F618E**, and **00042D** is the 20% darker color. If you saturate the color by 10%, you get **122D5B**, and if you desaturate by 10%, it is **24395B**.

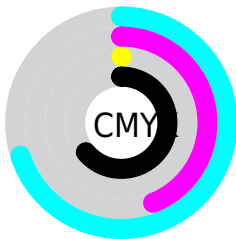
Distribution



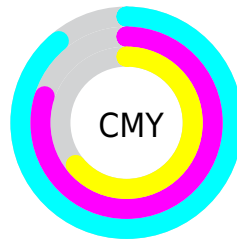
- Red (11%)
- Green (20%)
- Blue (36%)



- Red (11%)
- Yellow (17%)
- Blue (36%)



- Cyan (70%)
- Magenta (44%)
- Yellow (0%)
- Black (64%)



- Cyan (89%)
- Magenta (80%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1B335B 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 1B335B by changing the saturation by 10% instead.



1B335B



1B335B

FFFFFF



001E43



4F618E



00042D



687AA8



000118



8293C3



000000



9DAEDF



B9C9FC



D5E5FF



F2FFFF



1B335B



1B335B

■ 122D5B

■ 24395B

■ 09285B

■ 2D3E5B

■ 00225B

■ 36445B

■ 3F4A5B

■ 494F5B

■ 52555B

■ 5B5B5B

■ 64615B

■ 6D665B

Harmonies

Analogous

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



00395A



1B335B



3F2B52

Triad

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



1B335B



54261A



003C26

Complementary

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



1B335B



5B431B

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.



213A13



1B335B



482E0B

Square

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



1B335B



58212C



373507



003D3B

Rectangle

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



1B335B



4D2547



373507



093C1F

Sweetspot

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



1B335B



5D6675



1B5B42



2C313B



BABABA



3B3B3B

Same Dimension

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



1B335B



133875



221B5B



292B2E



00296E



0059ED

Inverse Universe

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



5B1B33



751338



545B1B



2E292B



6E0029



ED0059

Previews

White Background



This preview shows how the Hex color 1B335B looks on a white background.

Color Contrast Check

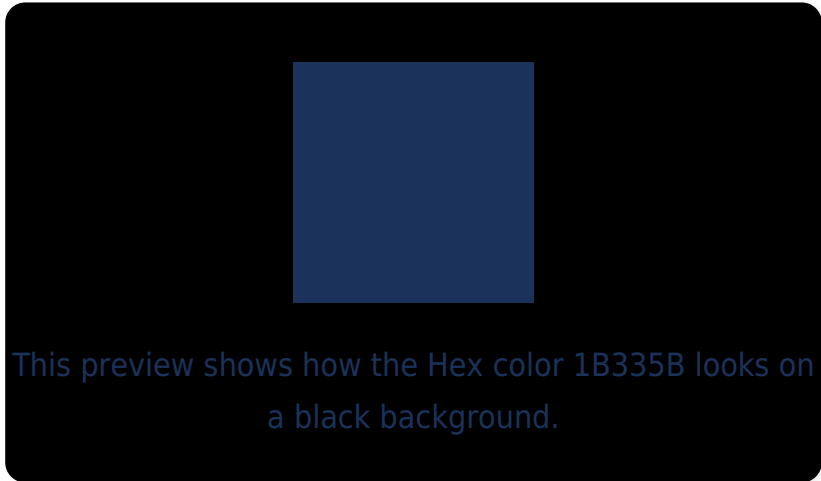
Large Text (above 18pt) WCAG AA ✓ Pass

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

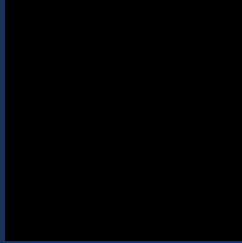
Any Text WCAG AA × Fail

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 1B335B Background



This preview shows how black text looks on a background with the Hex color 1B335B.



This preview shows how white text looks on a background with the Hex color 1B335B.

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


1B335B

Protanopia

21325A

Deuteranopia

11345B



Tritanopia
00393E

Trichromacy



Original Color
1B335B

Protanomaly
1F325A

Deuteranomaly
15345B

Tritanomaly
0A3749

Monochromacy



Original Color
1B335B

Achromatopsia
303030

Achromatomaly
283140

CSS Examples

Text

The CSS property to change the color of the text to Hex 1B335B 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 #1B335B looks like.

```
.text, #text, p{  
    color:#1B335B  
}
```

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 #1B335B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1B335B
}
```

Border

The CSS property to change the border of an element to Hex 1B335B 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
#1B335B }
```

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

```
.border{ border-color:#1B335B }
```

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

Here you see how a box with a 4 pixel #1B335B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1B335B; -webkit-box-shadow:4px 4px  
4px 4px #1B335B; box-shadow:4px 4px 4px  
4px #1B335B }
```

Background

The CSS property to change the background color of an element to Hex 1B335B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1B335B }
```

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

```
.background{ background-color:#1B335B }
```

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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