

Converting Colors

Hex(1B334A)

Have a look what the booklet for
Hex(1B334A) contains.

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Color

Hex(1B334A)

Conversions

Conversions Part 1

Format	Color
Hex	1B334A
RGB	27, 51, 74
RGB Percent	11%, 20%, 29%
CMY	0.8941, 0.8000, 0.7098
CMYK	0.64, 0.31, 0.00, 0.71
HSL	209°, 47%, 20%
HSV	209°, 64%, 29%
XYZ	2.8719, 3.0951, 6.9246
YIQ	46.4460, -21.6870, 2.0650

Conversions

Conversions Part 2

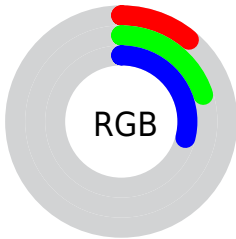
Format	Color
RYB	27, 43, 74
Decimal	1782602
CIELab	20.42, -1.25, -17.04
CIElCh	20, 17.083, 265.791
Yxy	3.0951, 0.2228, 0.2401
Android (android.graphics.Color)	4279972682 (0xFF1B334A)
YUV	46.4460, 13.5841, -17.0541
Hunter-Lab	17.5928, -1.6491, -11.0218

Details

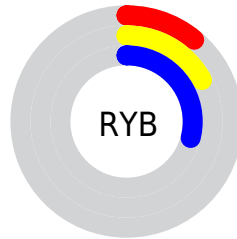
The Hex color **1B334A** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **4A321B**, and the grayscale version is **2E2E2E**.

A 20% lighter version of the original color is **4B617B**, and **00041E** is the 20% darker color. If you saturate the color by 10%, you get **142F4A**, and if you desaturate by 10%, it is **22374A**.

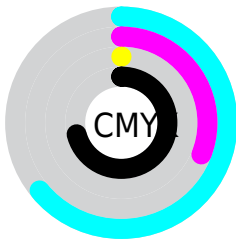
Distribution



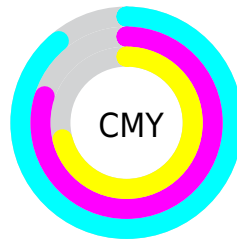
- Red (11%)
- Green (20%)
- Blue (29%)



- Red (11%)
- Yellow (17%)
- Blue (29%)



- Cyan (64%)
- Magenta (31%)
- Yellow (0%)
- Black (71%)



- Cyan (89%)
- Magenta (80%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1B334A 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 1B334A by changing the saturation by 10% instead.

■ 1B334A

■ 1B334A

FFFFFF

■ 011E33

■ 4B617B

■ 00041E

■ 647A95

■ 000001

■ 7E94AF

■ 000000

■ 98AECB

■ B3CAE7

■ CFE6FF

■ ECFFFF

■ 1B334A

■ 1B334A

■ 142F4A

■ 22374A

■ 0C2C4A

■ 2A3A4A

■ 05284A

■ 313E4A

■ 00264A

■ 39414A

■ 40454A

■ 47494A

■ 4F4C4A

■ 56504A

■ 5E544A

Harmonies

Analogous

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



013646



1B334A



302F48

Triad

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



1B334A



492827



1F3623

Complementary

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



1B334A



4A321B

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.



2E341A



1B334A



442B1D

Square

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



1B334A



482733



3B3018



0D382F

Rectangle

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



1B334A



3B2C43



3B3018



25361F

Sweetspot

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



1B334A



4E5861



1B4A32



252B30



B0B0B0



303030

Same Dimension

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



1B334A



173D61



1B1C4A



222426



003466



0075E6

Inverse Universe

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



4A1B33



61173D



4A491B



262224



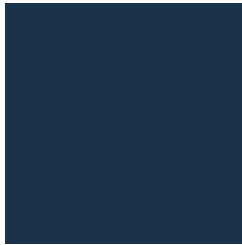
660034



E60075

Previews

White Background



This preview shows how the Hex color 1B334A looks on a white background.

Color Contrast Check

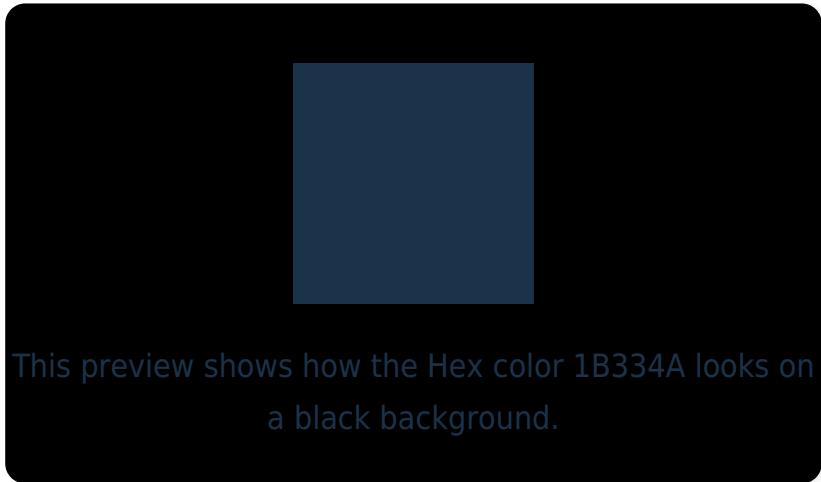
Large Text (above 18pt) WCAG AA ✓ Pass

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

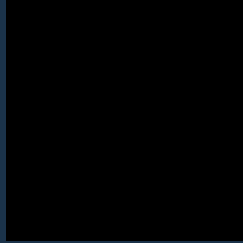
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

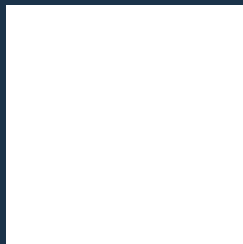
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 1B334A Background



This preview shows how black text looks on a background with the Hex color 1B334A.



This preview shows how white text looks on a background with the Hex color 1B334A.

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](#).

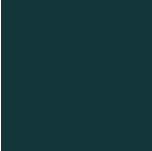
Dichromacy



Original Color
1B334A

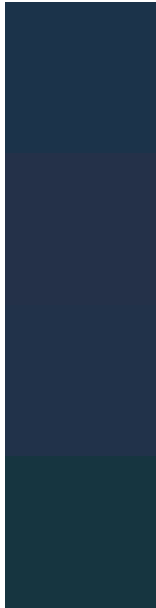
Protanopia
293048

Deuteranopia
25314A



Tritanopia
13363A

Trichromacy



Original Color
1B334A

Protanomaly
243149

Deuteranomaly
21324A

Tritanomaly
163540

Monochromacy



Original Color
1B334A

Achromatopsia
2E2E2E

Achromatomaly
273038

CSS Examples

Text

The CSS property to change the color of the text to Hex 1B334A 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 #1B334A looks like.

```
.text, #text, p{  
    color:#1B334A  
}
```

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 #1B334A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1B334A
}
```

Border

The CSS property to change the border of an element to Hex 1B334A 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
#1B334A }
```

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

```
.border{ border-color:#1B334A }
```

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

Here you see how a box with a 4 pixel #1B334A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1B334A; -webkit-box-shadow:4px 4px  
4px 4px #1B334A; box-shadow:4px 4px 4px  
4px #1B334A }
```

Background

The CSS property to change the background color of an element to Hex 1B334A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1B334A }
```

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

```
.background{ background-color:#1B334A }
```

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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