

Converting Colors

Hex(1B355C)

Have a look what the booklet for
Hex(1B355C) contains.

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Color

Hex(1B355C)

Conversions

Conversions Part 1

Format	Color
Hex	1B355C
RGB	27, 53, 92
RGB Percent	11%, 21%, 36%
CMY	0.8941, 0.7922, 0.6392
CMYK	0.71, 0.42, 0.00, 0.64
HSL	216°, 55%, 23%
HSV	216°, 71%, 36%
XYZ	3.6569, 3.5519, 10.6181
YIQ	49.6720, -28.0150, 6.6170

Conversions

Conversions Part 2

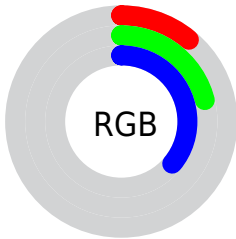
Format	Color
R_{YB}	27, 46, 92
Decimal	1783132
CIE _{Lab}	22.13, 4.44, -26.31
CIE _{LCh}	22, 26.686, 279.571
Yxy	3.5519, 0.2051, 0.1992
Android (android.graphics.Color)	4279973212 (0xFF1B355C)
YUV	49.6720, 20.8677, -19.8833
Hunter-Lab	18.8465, 1.6535, -20.2112

Details

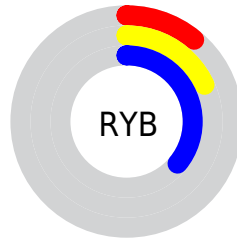
The Hex color **1B355C** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **5C421B**, and the grayscale version is **313131**.

A 20% lighter version of the original color is **4F638F**, and **00082E** is the 20% darker color. If you saturate the color by 10%, you get **122F5C**, and if you desaturate by 10%, it is **243B5C**.

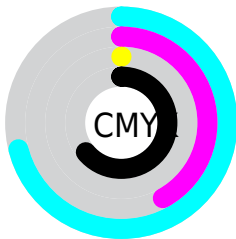
Distribution



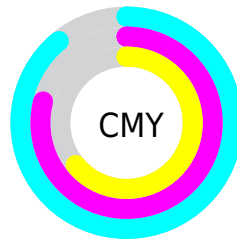
- Red (11%)
- Green (21%)
- Blue (36%)



- Red (11%)
- Yellow (18%)
- Blue (36%)



- Cyan (71%)
- Magenta (42%)
- Yellow (0%)
- Black (64%)



- Cyan (89%)
- Magenta (79%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1B355C 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 1B355C by changing the saturation by 10% instead.

■ 1B355C

■ 1B355C

FFFFFF

■ 002044

■ 4F638F

■ 00082E

■ 687CA9

■ 000118

■ 8396C4

■ 000000

■ 9EB0E1

■ B9CCFD

■ D5E8FF

■ F2FFFF

■ 1B355C

■ 1B355C

■ 122F5C

■ 243B5C

■ 092A5C

■ 2D405C

■ 00255C

■ 37465C

■ 404B5C

■ 49515C

■ 52565C

■ 5B5C5C

■ 65615C

■ 6E675C

Harmonies

Analogous

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



003B5A



1B355C



3E2D54

Triad

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



1B355C



56271D



003E26

Complementary

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



1B355C



5C421B

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.



243B15



1B355C



4B2F0F

Square

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



1B355C



59232F



3A360B



003F3B

Rectangle

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



1B355C



4D2849



3A360B



103D20

Sweetspot

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



1B355C



5F6978



1B5C42



2E343D



BDBDBD



3D3D3D

Same Dimension

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



1B355C



123B78



211B5C



292B2E



002C6E



005FED

Inverse Universe

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



5C1B35



78123B



565C1B



2E292B



6E002C



ED005F

Previews

White Background



This preview shows how the Hex color 1B355C looks on a white background.

Color Contrast Check

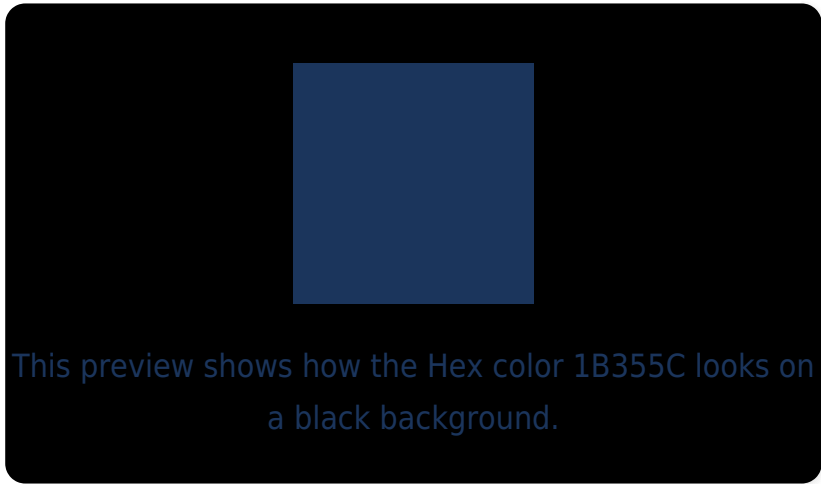
Large Text (above 18pt) WCAG AA ✓ Pass

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 1B355C Background



This preview shows how black text looks on a background with the Hex color 1B355C.



This preview shows how white text looks on a background with the Hex color 1B355C.

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
1B355C

Protanopia
24345B

Deuteranopia
16365C

Trichromacy



Original Color
1B355C

Protanomaly
21345B

Deuteranomaly
18365C

Monochromacy



Original Color
1B355C

Achromatopsia
323232

Achromatomaly
2A3341

CSS Examples

Text

The CSS property to change the color of the text to Hex 1B355C 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 #1B355C looks like.

```
.text, #text, p{  
    color:#1B355C  
}
```

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 #1B355C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1B355C
}
```

Border

The CSS property to change the border of an element to Hex 1B355C 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".

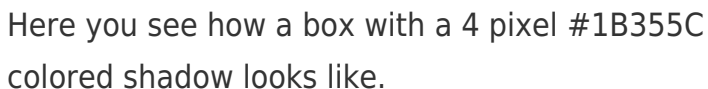
```
.border, #border, table{ border:4px solid
#1B355C }
```

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

```
.border{ border-color:#1B355C }
```

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

Here you see how a box with a 4 pixel #1B355C colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1B355C; -webkit-box-shadow:4px 4px  
4px 4px #1B355C; box-shadow:4px 4px 4px  
4px #1B355C }
```

Background

The CSS property to change the background color of an element to Hex 1B355C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1B355C }
```

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

```
.background{ background-color:#1B355C }
```

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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