

Converting Colors

Hex(1B3E6D)

Have a look what the booklet for
Hex(1B3E6D) contains.

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Color

Hex(1B3E6D)

Conversions

Conversions Part 1

Format	Color
Hex	1B3E6D
RGB	27, 62, 109
RGB Percent	11%, 24%, 43%
CMY	0.8941, 0.7569, 0.5725
CMYK	0.75, 0.43, 0.00, 0.57
HSL	214°, 60%, 27%
HSV	214°, 75%, 43%
XYZ	4.9349, 4.7824, 15.1310
YIQ	56.8930, -35.9470, 7.1970

Conversions

Conversions Part 2

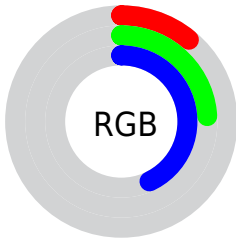
Format	Color
R_{YB}	27, 52, 109
Decimal	1785453
CIE _{Lab}	26.11, 5.04, -31.00
CIE _{LCh}	26, 31.405, 279.238
Yxy	4.7824, 0.1986, 0.1925
Android (android.graphics.Color)	4279975533 (0xFF1B3E6D)
YUV	56.8930, 25.6888, -26.2162
Hunter-Lab	21.8687, 2.0106, -25.7148

Details

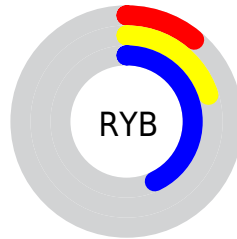
The Hex color **1B3E6D** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **6D4A1B**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **526DA1**, and **00143D** is the 20% darker color. If you saturate the color by 10%, you get **10386D**, and if you desaturate by 10%, it is **26446D**.

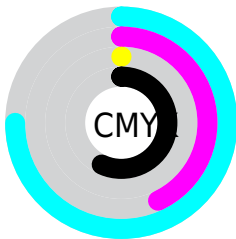
Distribution



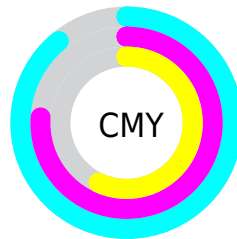
- Red (11%)
- Green (24%)
- Blue (43%)



- Red (11%)
- Yellow (20%)
- Blue (43%)



- Cyan (75%)
- Magenta (43%)
- Yellow (0%)
- Black (57%)



- Cyan (89%)
- Magenta (76%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1B3E6D 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 1B3E6D by changing the saturation by 10% instead.

■ 1B3E6D

■ 1B3E6D

FFFFFF

■ 002854

■ 526DA1

■ 00143D

■ 6D86BC

■ 000327

■ 88A0D8

■ 000110

■ A3BBF5

■ 000000

■ BFD7FF

■ DCF3FF

■ F9FFFF

■ 1B3E6D

■ 1B3E6D

■ 10386D

■ 26446D

■ 05326D

■ 314A6D

■ 002F6D

■ 3C516D

■ 47576D

■ 525D6D

■ 5C636D

■ 676A6D

■ 72706D

■ 7D766D

Harmonies

Analogous

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



00456A



1B3E6D



493463

Triad

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



1B3E6D



652D21



00482C

Complementary

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



1B3E6D



6D4A1B

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.



2A4516



1B3E6D



58360F

Square

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



1B3E6D



692837



443F0A



004945

Rectangle

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



1B3E6D



5A2E57



443F0A



104724

Sweetspot

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



1B3E6D



6E7C8F



1B6D49



333C47



C7C7C7



474747

Same Dimension

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



1B3E6D



0E458F



201B6D



303236



003275



0068F5

Inverse Universe

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



6D1B3E



8F0E45



686D1B



363032



750032



F50068

Previews

White Background



This preview shows how the Hex color 1B3E6D looks on a white background.

Color Contrast Check

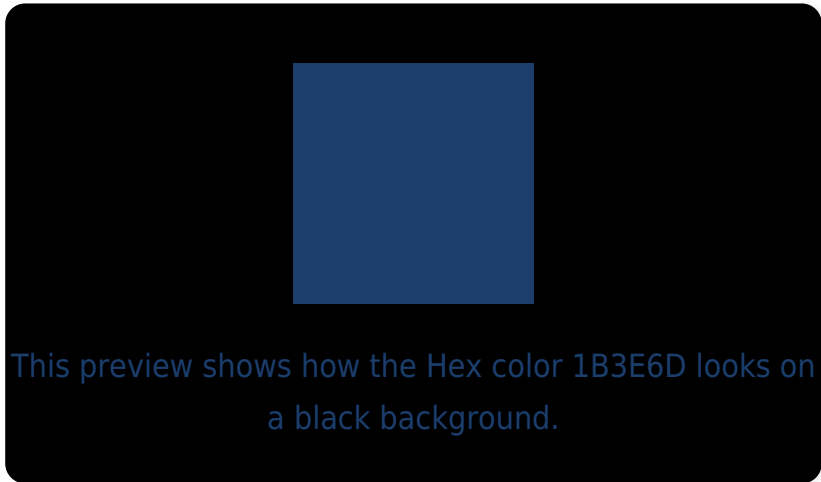
Large Text (above 18pt) WCAG AA ✓ Pass

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 1B3E6D Background



This preview shows how black text looks on a background with the Hex color 1B3E6D.



This preview shows how white text looks on a background with the Hex color 1B3E6D.

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
1B3E6D

Protanopia
293C6B

Deuteranopia
153F6D



Tritanopia
00454A

Trichromacy



Original Color
1B3E6D

Protanomaly
243D6C

Deuteranomaly
173F6D

Tritanomaly
0A4257

Monochromacy



Original Color
1B3E6D

Achromatopsia
393939

Achromatomaly
2E3B4C

CSS Examples

Text

The CSS property to change the color of the text to Hex 1B3E6D 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 #1B3E6D looks like.

```
.text, #text, p{  
    color:#1B3E6D  
}
```

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 #1B3E6D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1B3E6D
}
```

Border

The CSS property to change the border of an element to Hex 1B3E6D 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
#1B3E6D }
```

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

```
.border{ border-color:#1B3E6D }
```

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

Here you see how a box with a 4 pixel #1B3E6D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1B3E6D; -webkit-box-shadow:4px 4px  
4px 4px #1B3E6D; box-shadow:4px 4px 4px  
4px #1B3E6D }
```

Background

The CSS property to change the background color of an element to Hex 1B3E6D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1B3E6D }
```

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

```
.background{ background-color:#1B3E6D }
```

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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