

Converting Colors

Hex(1B3862)

Have a look what the booklet for
Hex(1B3862) contains.

Hex(1B3862)	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(1B3862)

Conversions

Conversions Part 1

Format	Color
Hex	1B3862
RGB	27, 56, 98
RGB Percent	11%, 22%, 38%
CMY	0.8941, 0.7804, 0.6157
CMYK	0.72, 0.43, 0.00, 0.62
HSL	215°, 57%, 25%
HSV	215°, 72%, 38%
XYZ	4.0708, 3.9432, 12.1018
YIQ	52.1170, -30.7660, 6.9140

Conversions

Conversions Part 2

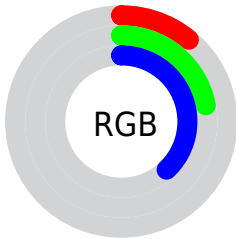
Format	Color
R_{YB}	27, 48, 98
Decimal	1783906
CIE Lab	23.48, 4.75, -28.09
CIE LCh	23, 28.485, 279.605
Yxy	3.9432, 0.2024, 0.1960
Android (android.graphics.Color)	4279973986 (0xFF1B3862)
YUV	52.1170, 22.6203, -22.0276
Hunter-Lab	19.8575, 1.8418, -22.2331




Details

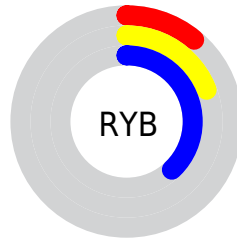
The Hex color **1B3862** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **62451B**, and the grayscale version is **343434**.




A 20% lighter version of the original color is **506795**, and **000D33** is the 20% darker color. If you saturate the color by 10%, you get **113262**, and if you desaturate by 10%, it is **253E62**.

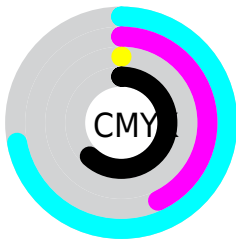
Distribution







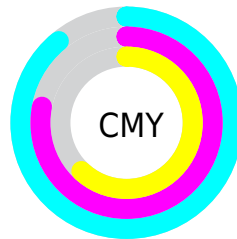
-  Red (11%)
-  Green (22%)
-  Blue (38%)






-  Red (11%)
-  Yellow (19%)
-  Blue (38%)



-  Cyan (72%)
-  Magenta (43%)
-  Yellow (0%)
-  Black (62%)



-  Cyan (89%)
-  Magenta (78%)
-  Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1B3862 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 1B3862 by changing the saturation by 10% instead.

■ 1B3862

■ 1B3862

FFFFFF

■ 00234A

■ 506795

■ 000D33

■ 6A7FB0

■ 00021D

■ 8499CB

■ 000000

■ A0B4E8

■ BBD0FF

■ D8ECFF

■ F5FFFF

■ 1B3862

■ 1B3862

■ 113262

■ 253E62

■ 072C62

■ 2F4462

■ 002862

■ 384962

■ 424F62

■ 4C5562

■ 565B62

■ 606162

■ 696662

■ 736C62

Harmonies

Analogous

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



003E60



1B3862



422F59

Triad

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



1B3862



5B291E



004128

Complementary

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



1B3862



62451B

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.



263E15



1B3862



4F320F

Square

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



1B3862



5F2432



3D390A



00423E

Rectangle

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



1B3862



512A4E



3D390A



104121

Sweetspot

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



1B3862



636F80



1B6244



2F3640



BFBFBF



404040

Same Dimension

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



1B3862



113E80



211B62



2C2E30



002E70



0062F0

Inverse Universe

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



621B38



80113E



5C621B



302C2E



70002E



F00062

Previews

White Background



This preview shows how the Hex color 1B3862 looks on a white background.

Color Contrast Check

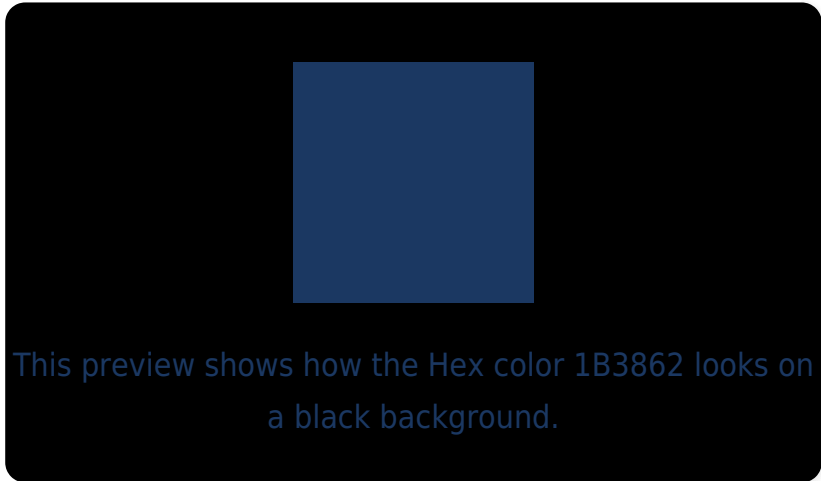
Large Text (above 18pt) WCAG AA ✓ Pass

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 1B3862 Background



This preview shows how black text looks on a background with the Hex color 1B3862.



This preview shows how white text looks on a background with the Hex color 1B3862.

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
1B3862

Protanopia
253761

Deuteranopia
153962



Tritanopia
003E43

Trichromacy



Original Color
1B3862

Protanomaly
213761

Deuteranomaly
173962

Tritanomaly
0A3C4E

Monochromacy



Original Color
1B3862

Achromatopsia
343434

Achromatomaly
2B3545

CSS Examples

Text

The CSS property to change the color of the text to Hex 1B3862 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 #1B3862 looks like.

```
.text, #text, p{  
    color:#1B3862  
}
```

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 #1B3862 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1B3862
}
```

Border

The CSS property to change the border of an element to Hex 1B3862 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
#1B3862 }
```

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

```
.border{ border-color:#1B3862 }
```

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

Here you see how a box with a 4 pixel #1B3862 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1B3862; -webkit-box-shadow:4px 4px  
4px 4px #1B3862; box-shadow:4px 4px 4px  
4px #1B3862 }
```

Background

The CSS property to change the background color of an element to Hex 1B3862 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1B3862 }
```

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

```
.background{ background-color:#1B3862 }
```

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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