

Converting Colors

Hex(1B1138)

Have a look what the booklet for
Hex(1B1138) contains.

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Color

Hex(1B1138)

Conversions

Conversions Part 1

Format	Color
Hex	1B1138
RGB	27, 17, 56
RGB Percent	11%, 7%, 22%
CMY	0.8941, 0.9333, 0.7804
CMYK	0.52, 0.70, 0.00, 0.78
HSL	255°, 53%, 14%
HSV	255°, 70%, 22%
XYZ	1.3663, 0.9194, 3.8468
YIQ	24.4360, -6.5590, 14.2490

Conversions

Conversions Part 2

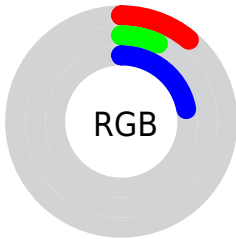
Format	Color
RYB	27, 17, 56
Decimal	1773880
CIELab	8.30, 16.82, -23.73
CIELCh	8, 29.087, 305.340
Yxy	0.9194, 0.2228, 0.1499
Android (android.graphics.Color)	4279963960 (0xFF1B1138)
YUV	24.4360, 15.5611, 2.2486
Hunter-Lab	9.5887, 8.6534, -17.0741

Details

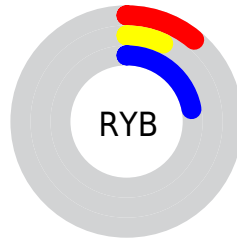
The Hex color **1B1138** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **2E3811**, and the grayscale version is **181818**.

A 20% lighter version of the original color is **493B67**, and **000009** is the 20% darker color. If you saturate the color by 10%, you get **170B38**, and if you desaturate by 10%, it is **1F1738**.

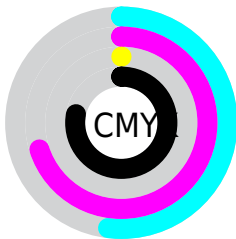
Distribution



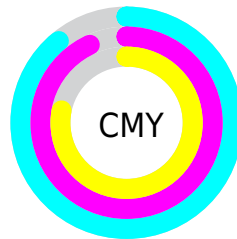
- Red (11%)
- Green (7%)
- Blue (22%)



- Red (11%)
- Yellow (7%)
- Blue (22%)



- Cyan (52%)
- Magenta (70%)
- Yellow (0%)
- Black (78%)



- Cyan (89%)
- Magenta (93%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1B1138 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 1B1138 by changing the saturation by 10% instead.

■ 1B1138

■ 1B1138

■ FFF1FF

■ 000023

■ 493B67

■ 000009

■ 625281

■ 000000

■ 7B6B9B

■ 9584B6

■ B09ED1

■ CCB9EE

■ E8D5FF

■ 1B1138

■ 1B1138

■ 170B38

■ 1F1738

■ 130638

■ 231C38

■ 0F0038

■ 272238

■ 0E0038

■ 2C2738

■ 302D38

■ 343338

■ 383838

■ 3C3E38

■ 404338

Harmonies

Analogous

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



001A3F



1B1138



310529

Triad

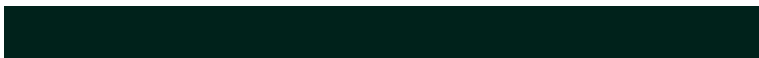
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



1B1138



2C1100



00221B

Complementary

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



1B1138



2E3811

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.



002100



1B1138



1D1800

Square

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



1B1138



370500



031E00



00212E

Rectangle

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



1B1138



38001C



031E00



002214

Sweetspot

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



1B1138



3E3A4A



112E38



1F1D26



A6A6A6



262626

Same Dimension

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



1B1138



1C0C4A



2E1138



1A191C



18005C



3800DB

Inverse Universe

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



38112E



4A0C3A



1B3811



1C191B



5C0044



DB00A3

Previews

White Background



This preview shows how the Hex color 1B1138 looks on a white background.

Color Contrast Check

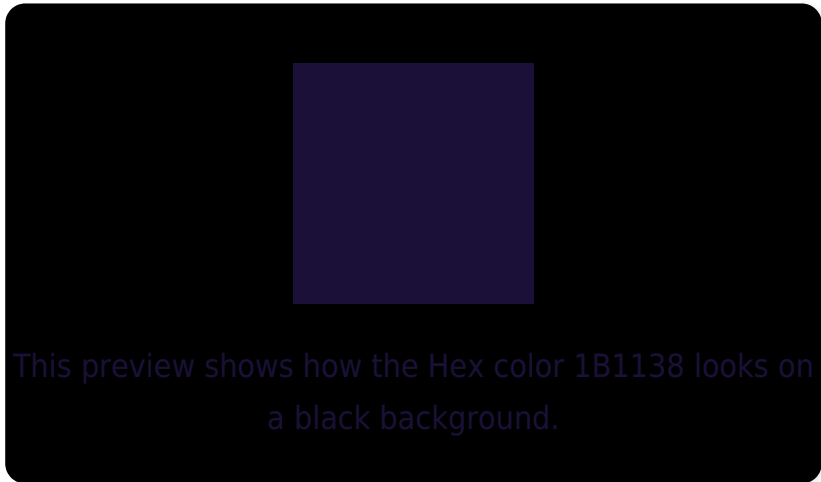
Large Text (above 18pt) WCAG AA ✓ Pass

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

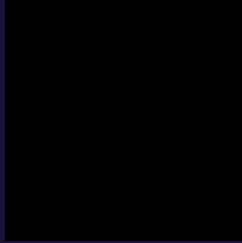
Any Text WCAG AA × Fail

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 1B1138 Background



This preview shows how black text looks on a background with the Hex color 1B1138.



This preview shows how white text looks on a background with the Hex color 1B1138.

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
1B1138

Protanopia
001833

Deuteranopia
001A2C

Trichromacy



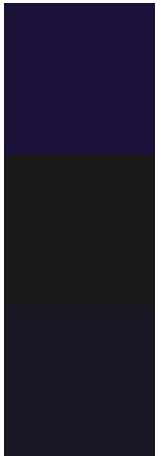
Original Color
1B1138

Protanomaly
0A1535

Deuteranomaly
0A1730

Tritanomaly
151726

Monochromacy



Original Color
1B1138

Achromatopsia
181818

Achromatomaly
191524

CSS Examples

Text

The CSS property to change the color of the text to Hex 1B1138 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 #1B1138 looks like.

```
.text, #text, p{  
    color:#1B1138  
}
```

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 #1B1138 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1B1138
}
```

Border

The CSS property to change the border of an element to Hex 1B1138 is called "border". The border property can be set on classes, ids or directly on the HTML element.

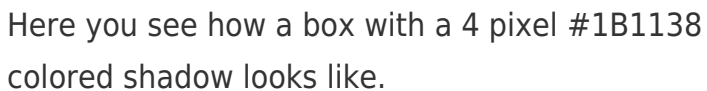
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#1B1138 }
```

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

```
.border{ border-color:#1B1138 }
```

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



Here you see how a box with a 4 pixel #1B1138 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1B1138; -webkit-box-shadow:4px 4px  
4px 4px #1B1138; box-shadow:4px 4px 4px  
4px #1B1138 }
```

Background

The CSS property to change the background color of an element to Hex 1B1138 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1B1138 }
```

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

```
.background{ background-color:#1B1138 }
```

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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