

Converting Colors

Hex(1B1386)

Have a look what the booklet for
Hex(1B1386) contains.

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Color

Hex(1B1386)

Conversions

Conversions Part 1

Format	Color
Hex	1B1386
RGB	27, 19, 134
RGB Percent	11%, 7%, 53%
CMY	0.8941, 0.9255, 0.4745
CMYK	0.80, 0.86, 0.00, 0.47
HSL	244°, 75%, 30%
HSV	244°, 86%, 53%
XYZ	4.9879, 2.4200, 22.7585
YIQ	34.5020, -32.1470, 37.4610

Conversions

Conversions Part 2

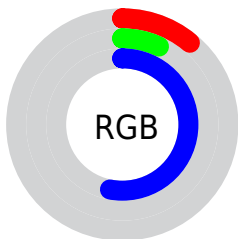
Format	Color
R_{YB}	27, 19, 134
Decimal	1774470
CIE _{Lab}	17.55, 42.57, -60.84
CIE _{LCh}	18, 74.258, 304.981
Yxy	2.4200, 0.1653, 0.0802
Android (android.graphics.Color)	4279964550 (0xFF1B1386)
YUV	34.5020, 49.0525, -6.5793
Hunter-Lab	15.5563, 30.0103, -75.8503




Details

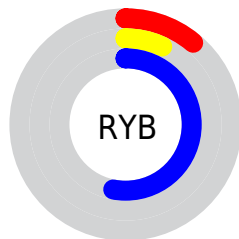
The Hex color **1B1386** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **7E8613**, and the grayscale version is **222222**.




A 20% lighter version of the original color is **5D42BC**, and **000053** is the 20% darker color. If you saturate the color by 10%, you get **0F0686**, and if you desaturate by 10%, it is **272086**.

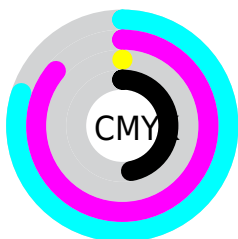
Distribution







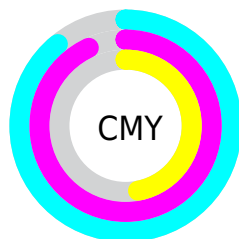
-  Red (11%)
-  Green (7%)
-  Blue (53%)






-  Red (11%)
-  Yellow (7%)
-  Blue (53%)



-  Cyan (80%)
-  Magenta (86%)
-  Yellow (0%)
-  Black (47%)



-  Cyan (89%)
-  Magenta (93%)
-  Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1B1386 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 1B1386 by changing the saturation by 10% instead.

 1B1386

 1B1386

 FFFDFF

 00006C


 5D42BC

 000053

 795AD9

 00063B

 9673F6

 000224

 B38DFF

 00000C

 D0A8FF

 000000

 EEC4FF

 FFE0FF

 1B1386

 1B1386

■ 0F0686

■ 272086

■ 090086

■ 342E86

■ 403B86

■ 4D4986

■ 595686

■ 666386

■ 727186

■ 7F7E86

■ 8B8C86

Harmonies

Analogous

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



00339B



1B1386



6C005A

Triad

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



1B1386



581000



003D33

Complementary

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



1B1386



7E8613

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.



003B00



1B1386



2E2D00

Square

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



1B1386



750000



003700



003E69

Rectangle

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



1B1386



7C0037



003700



003C20

Sweetspot

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



1B1386



8380AD



137E86



3E3C57



D6D6D6



575757

Same Dimension

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



1B1386



0C00AD



541386



3C3C42



090082



000003

Inverse Universe

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



86137E



AD00A1



458613



423C42



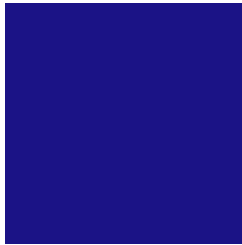
820079



030002

Previews

White Background



This preview shows how the Hex color 1B1386 looks on a white background.

Color Contrast Check

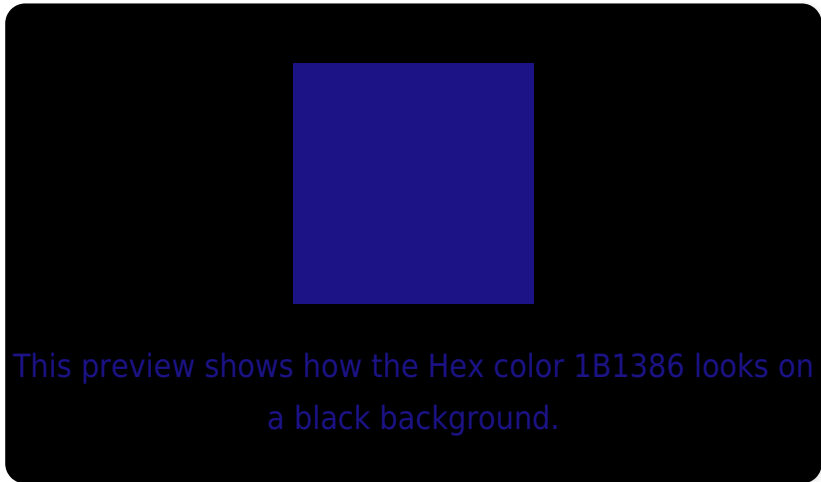
Large Text (above 18pt) WCAG AA ✓ Pass

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

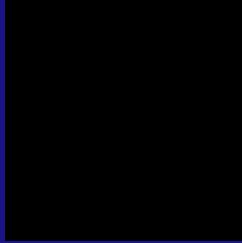
Any Text WCAG AA × Fail

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 1B1386 Background



This preview shows how black text looks on a background with the Hex color 1B1386.



This preview shows how white text looks on a background with the Hex color 1B1386.

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
1B1386

Protanopia
002B5A

Trichromacy



Original Color
1B1386

Protanomaly
0A226A

Monochromacy



Original Color
1B1386

Achromatopsia
232323

Achromatomaly
201D47

CSS Examples

Text

The CSS property to change the color of the text to Hex 1B1386 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 #1B1386 looks like.

```
.text, #text, p{  
    color:#1B1386  
}
```

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 #1B1386 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1B1386
}
```

Border

The CSS property to change the border of an element to Hex 1B1386 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
#1B1386 }
```

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

```
.border{ border-color:#1B1386 }
```

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

Here you see how a box with a 4 pixel #1B1386 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1B1386; -webkit-box-shadow:4px 4px  
4px 4px #1B1386; box-shadow:4px 4px 4px  
4px #1B1386 }
```

Background

The CSS property to change the background color of an element to Hex 1B1386 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1B1386 }
```

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

```
.background{ background-color:#1B1386 }
```

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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