

Converting Colors

Hex(1B1485)

Have a look what the booklet for
Hex(1B1485) contains.

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Color

Hex(1B1485)

Conversions

Conversions Part 1

Format	Color
Hex	1B1485
RGB	27, 20, 133
RGB Percent	11%, 8%, 52%
CMY	0.8941, 0.9216, 0.4784
CMYK	0.80, 0.85, 0.00, 0.48
HSL	244°, 74%, 30%
HSV	244°, 85%, 52%
XYZ	4.9358, 2.4268, 22.3986
YIQ	34.9750, -32.1010, 36.6270

Conversions

Conversions Part 2

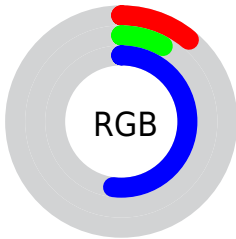
Format	Color
R_{YB}	27, 20, 133
Decimal	1774725
CIE _{Lab}	17.58, 41.78, -60.16
CIE _{LCh}	18, 73.246, 304.781
Yxy	2.4268, 0.1658, 0.0815
Android (android.graphics.Color)	4279964805 (0xFF1B1485)
YUV	34.9750, 48.3263, -6.9941
Hunter-Lab	15.5781, 29.2944, -74.3438




Details

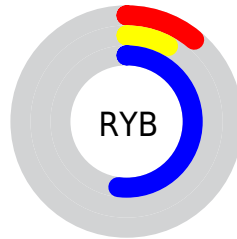
The Hex color **1B1485** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **7E8514**, and the grayscale version is **232323**.




A 20% lighter version of the original color is **5C43BB**, and **000052** is the 20% darker color. If you saturate the color by 10%, you get **0F0785**, and if you desaturate by 10%, it is **272185**.

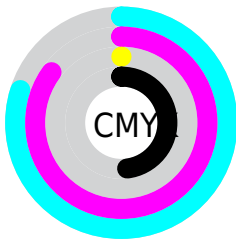
Distribution







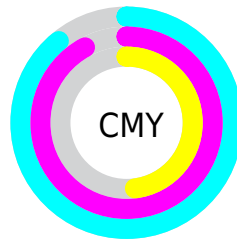
-  Red (11%)
-  Green (8%)
-  Blue (52%)






-  Red (11%)
-  Yellow (8%)
-  Blue (52%)



-  Cyan (80%)
-  Magenta (85%)
-  Yellow (0%)
-  Black (48%)



-  Cyan (89%)
-  Magenta (92%)
-  Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1B1485 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 1B1485 by changing the saturation by 10% instead.

■ 1B1485

■ 1B1485

FFFEFF

■ 00006B

■ 5C43BB

■ 000052

■ 795BD8

■ 00053A

■ 9674F4

■ 000223

■ B38EFF

■ 00000A

■ D0A9FF

■ 000000

■ EDC4FF

■ FFE1FF

■ 1B1485

■ 1B1485

■ 0F0785

■ 272185

■ 080085

■ 342F85

■ 403C85

■ 4D4985

■ 595785

■ 666485

■ 727185

■ 7F7E85

■ 8B8C85

Harmonies

Analogous

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



003399



1B1485



6B0059

Triad

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



1B1485



581000



003D33

Complementary

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



1B1485



7E8514

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



1B1485



2F2D00

Square

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



1B1485



740000



003600



003E68

Rectangle

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



1B1485



7B0037



003600



003C20

Sweetspot

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



1B1485



8582AD



147F85



3E3D57



D6D6D6



575757

Same Dimension

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



1B1485



0B00AD



521485



3C3C42



080082



000003

Inverse Universe

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



85147E



AD00A3



478514



423C42



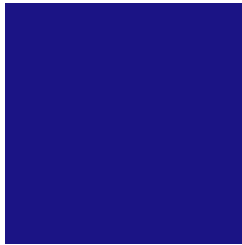
82007A



030002

Previews

White Background



This preview shows how the Hex color 1B1485 looks on a white background.

Color Contrast Check

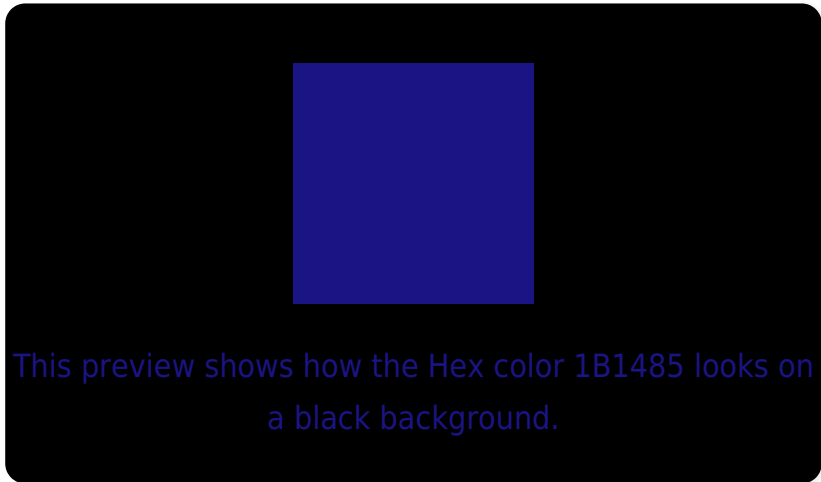
Large Text (above 18pt) WCAG AA ✓ Pass

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

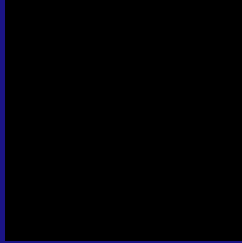
Any Text WCAG AA × Fail

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 1B1485 Background



This preview shows how black text looks on a background with the Hex color 1B1485.



This preview shows how white text looks on a background with the Hex color 1B1485.

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
1B1485

Protanopia
002B5A

Deuteranopia
002E4C

Trichromacy



Original Color
1B1485

Protanomaly
0A236A

Deuteranomaly
0A2561

Tritanomaly
0A2651

Monochromacy



Original Color
1B1485

Achromatopsia
232323

Achromatomaly
201E47

CSS Examples

Text

The CSS property to change the color of the text to Hex 1B1485 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 #1B1485 looks like.

```
.text, #text, p{  
    color:#1B1485  
}
```

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 #1B1485 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1B1485
}
```

Border

The CSS property to change the border of an element to Hex 1B1485 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
#1B1485 }
```

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

```
.border{ border-color:#1B1485 }
```

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

Here you see how a box with a 4 pixel #1B1485 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px #1B1485; -webkit-box-shadow:4px 4px 4px 4px #1B1485; box-shadow:4px 4px 4px 4px #1B1485 }
```

Background

The CSS property to change the background color of an element to Hex 1B1485 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1B1485 }
```

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

```
.background{ background-color:#1B1485 }
```

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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