

Converting Colors

Hex(1B245A)

Have a look what the booklet for
Hex(1B245A) contains.

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Color

Hex(1B245A)

Conversions

Conversions Part 1

Format	Color
Hex	1B245A
RGB	27, 36, 90
RGB Percent	11%, 14%, 35%
CMY	0.8941, 0.8588, 0.6471
CMYK	0.70, 0.60, 0.00, 0.65
HSL	231°, 54%, 23%
HSV	231°, 70%, 35%
XYZ	2.9283, 2.2329, 9.9495
YIQ	39.4650, -22.6980, 14.8860

Conversions

Conversions Part 2

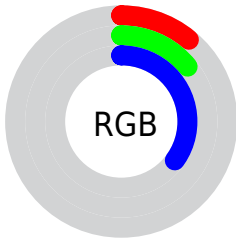
Format	Color
R _Y B	27, 35, 90
Decimal	1778778
CIE Lab	16.67, 15.95, -33.76
CIE LCh	17, 37.341, 295.284
Yxy	2.2329, 0.1938, 0.1478
Android (android.graphics.Color)	4279968858 (0xFF1B245A)
YUV	39.4650, 24.9138, -10.9318
Hunter-Lab	14.9431, 8.8296, -29.0169

Details

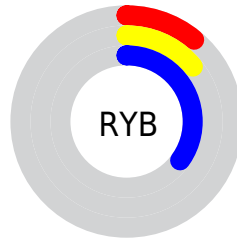
The Hex color **1B245A** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **5A511B**, and the grayscale version is **272727**.

A 20% lighter version of the original color is **4F508D**, and **00022C** is the 20% darker color. If you saturate the color by 10%, you get **121C5A**, and if you desaturate by 10%, it is **242C5A**.

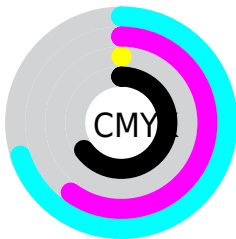
Distribution



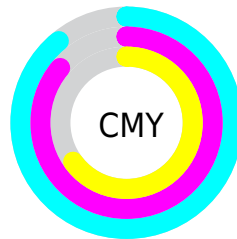
- Red (11%)
- Green (14%)
- Blue (35%)



- Red (11%)
- Yellow (14%)
- Blue (35%)



- Cyan (70%)
- Magenta (60%)
- Yellow (0%)
- Black (65%)



- Cyan (89%)
- Magenta (86%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1B245A 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 1B245A by changing the saturation by 10% instead.

■ 1B245A

■ 1B245A

FFFFFF

■ 001042

■ 4F508D

■ 00022C

■ 6968A7

■ 000116

■ 8381C3

■ 000000

■ 9E9BDF

■ BAB6FC

■ D6D2FF

■ F3EEFF

■ 1B245A

■ 1B245A

■ 121C5A

■ 242C5A

■ 09155A

■ 2D335A

■ 000D5A

■ 363B5A

■ 3F435A

■ 484B5A

■ 51525A

■ 5A5A5A

■ 63625A

■ 6C695A

Harmonies

Analogous

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



002E5F



1B245A



441548

Triad

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



1B245A



4B1A00



003424

Complementary

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



1B245A



5A511B

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.



003205



1B245A



382700

Square

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



1B245A



560A14



1F2E00



00353F

Rectangle

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



1B245A



510937



1F2E00



00341B

Sweetspot

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



1B245A



5D6075



1B5A51



2C2E3B



BABABA



3B3B3B

Same Dimension

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



1B245A



132175



311B5A



292A2E



00106E



0022ED

Inverse Universe

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



5A1B24



751321



445A1B



2E292A



6E0010



ED0022

Previews

White Background



This preview shows how the Hex color 1B245A looks on a white background.

Color Contrast Check

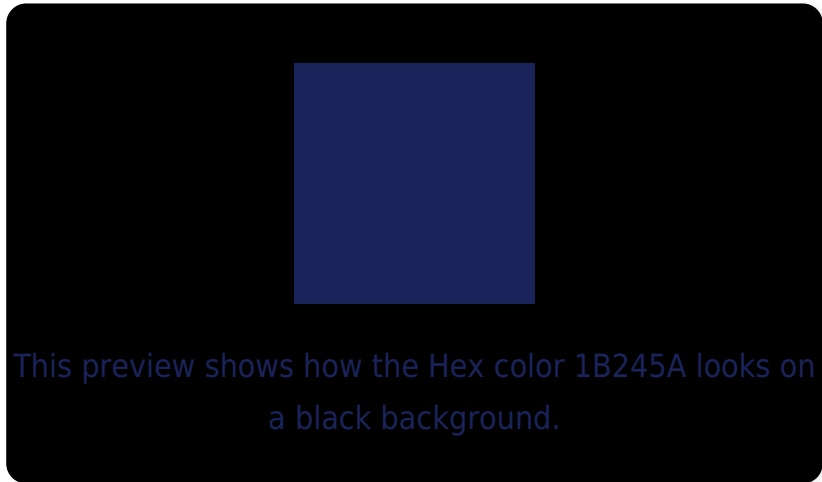
Large Text (above 18pt) WCAG AA ✓ Pass

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

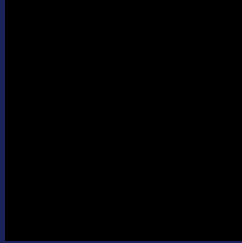
Any Text WCAG AA × Fail

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 1B245A Background



This preview shows how black text looks on a background with the Hex color 1B245A.



This preview shows how white text looks on a background with the Hex color 1B245A.

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
1B245A

Protanopia
002855

Deuteranopia
002B49

Trichromacy



Original Color
1B245A

Protanomaly
0A2757

Deuteranomaly
0A284F

Tritanomaly
0A2A40

Monochromacy



Original Color
1B245A

Achromatopsia
272727

Achromatomaly
23263A

CSS Examples

Text

The CSS property to change the color of the text to Hex 1B245A 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 #1B245A looks like.

```
.text, #text, p{  
    color:#1B245A  
}
```

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 #1B245A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1B245A
}
```

Border

The CSS property to change the border of an element to Hex 1B245A 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
#1B245A }
```

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

```
.border{ border-color:#1B245A }
```

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

Here you see how a box with a 4 pixel #1B245A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1B245A; -webkit-box-shadow:4px 4px  
4px 4px #1B245A; box-shadow:4px 4px 4px  
4px #1B245A }
```

Background

The CSS property to change the background color of an element to Hex 1B245A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1B245A }
```

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

```
.background{ background-color:#1B245A }
```

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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