

Converting Colors

Hex(1B256A)

Have a look what the booklet for
Hex(1B256A) contains.

Hex(1B256A)	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(1B256A)

Conversions

Conversions Part 1

Format	Color
Hex	1B256A
RGB	27, 37, 106
RGB Percent	11%, 15%, 42%
CMY	0.8941, 0.8549, 0.5843
CMYK	0.75, 0.65, 0.00, 0.58
HSL	232°, 59%, 26%
HSV	232°, 75%, 42%
XYZ	3.7151, 2.5968, 13.9411
YIQ	41.8760, -28.1090, 19.3390

Conversions

Conversions Part 2

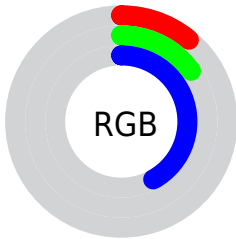
Format	Color
R_{YB}	27, 36, 106
Decimal	1779050
CIE Lab	18.35, 21.62, -41.58
CIE LCh	18, 46.865, 297.477
Yxy	2.5968, 0.1834, 0.1282
Android (android.graphics.Color)	4279969130 (0xFF1B256A)
YUV	41.8760, 31.6131, -13.0463
Hunter-Lab	16.1144, 12.9517, -40.0134




Details

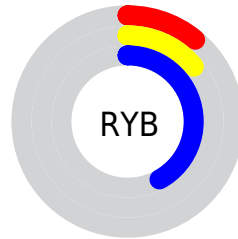
The Hex color **1B256A** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **6A601B**, and the grayscale version is **2A2A2A**.




A 20% lighter version of the original color is **53529E**, and **00003A** is the 20% darker color. If you saturate the color by 10%, you get **101C6A**, and if you desaturate by 10%, it is **262E6A**.

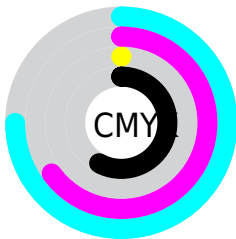
Distribution







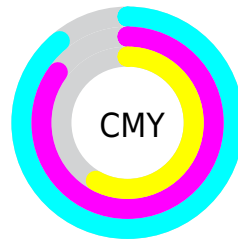
-  Red (11%)
-  Green (15%)
-  Blue (42%)






-  Red (11%)
-  Yellow (14%)
-  Blue (42%)



-  Cyan (75%)
-  Magenta (65%)
-  Yellow (0%)
-  Black (58%)



-  Cyan (89%)
-  Magenta (85%)
-  Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1B256A 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 1B256A by changing the saturation by 10% instead.

■ 1B256A

■ 1B256A

FFFFFF

■ 001151

■ 53529E

■ 00003A

■ 6E6AB9

■ 000223

■ 8983D5

■ 00000A

■ A49DF2

■ 000000

■ C1B8FF

■ DDD4FF

■ FAF0FF

■ 1B256A

■ 1B256A

■ 101C6A

■ 262E6A

■ 06126A

■ 30386A

■ 000D6A

■ 3B416A

■ 454A6A

■ 50536A

■ 5B5D6A

■ 65666A

■ 706F6A

■ 7A786A

Harmonies

Analogous

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



003372



1B256A



510B52

Triad

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



1B256A



541A00



003A29

Complementary

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



1B256A



6A601B

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.



003800



1B256A



3B2B00

Square

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



1B256A



630010



193400



003A4B

Rectangle

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



1B256A



60003C



193400



00391D

Sweetspot

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



1B256A



6B6F8A



1B6A5F



333545



C4C4C4



454545

Same Dimension

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



1B256A



0F1F8A



381B6A



303136



000F75



001FF5

Inverse Universe

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



6A1B25



8A0F1F



4D6A1B



363031



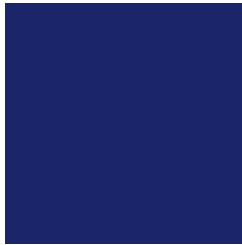
75000F



F5001F

Previews

White Background



This preview shows how the Hex color 1B256A looks on a white background.

Color Contrast Check

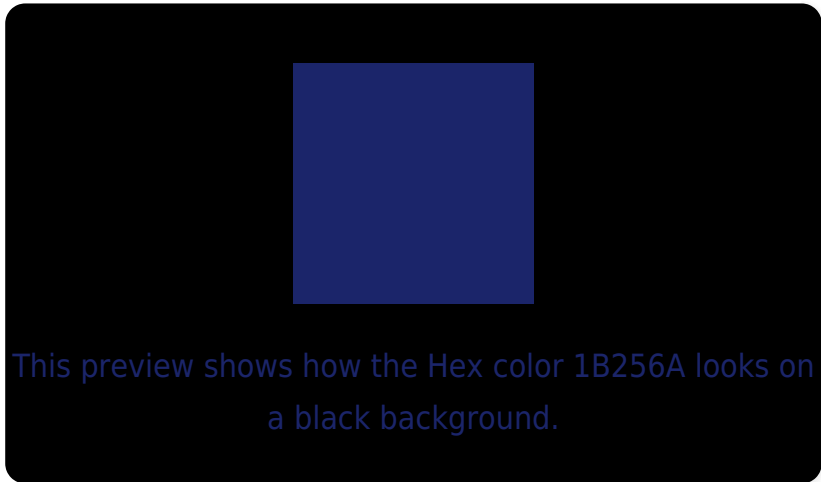
Large Text (above 18pt) WCAG AA ✓ Pass

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 1B256A Background



This preview shows how black text looks on a background with the Hex color 1B256A.



This preview shows how white text looks on a background with the Hex color 1B256A.

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
1B256A

Protanopia
002C5C

Deuteranopia
002E4F

Trichromacy



Original Color
1B256A

Protanomaly
0A2961

Deuteranomaly
0A2B59

Tritanomaly
0A2D48

Monochromacy



Original Color
1B256A

Achromatopsia
2A2A2A

Achromatomaly
252841

CSS Examples

Text

The CSS property to change the color of the text to Hex 1B256A 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 #1B256A looks like.

```
.text, #text, p{  
    color:#1B256A  
}
```

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 #1B256A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1B256A
}
```

Border

The CSS property to change the border of an element to Hex 1B256A 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
#1B256A }
```

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

```
.border{ border-color:#1B256A }
```

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

Here you see how a box with a 4 pixel #1B256A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1B256A; -webkit-box-shadow:4px 4px  
4px 4px #1B256A; box-shadow:4px 4px 4px  
4px #1B256A }
```

Background

The CSS property to change the background color of an element to Hex 1B256A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1B256A }
```

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

```
.background{ background-color:#1B256A }
```

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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