

Converting Colors

Hex(1A1A6B)

Have a look what the booklet for
Hex(1A1A6B) contains.

Hex(1A1A6B)	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(1A1A6B)

Conversions

Conversions Part 1

Format	Color
Hex	1A1A6B
RGB	26, 26, 107
RGB Percent	10%, 10%, 42%
CMY	0.8980, 0.8980, 0.5804
CMYK	0.76, 0.76, 0.00, 0.58
HSL	240°, 61%, 26%
HSV	240°, 76%, 42%
XYZ	3.4492, 2.0199, 14.1180
YIQ	35.2340, -26.0010, 25.1910

Conversions

Conversions Part 2

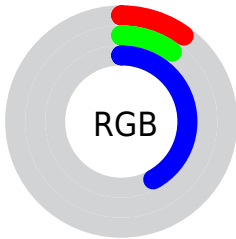
Format	Color
R_{YB}	26, 26, 107
Decimal	1710699
CIE _{Lab}	15.59, 29.37, -46.76
CIE _{LCh}	16, 55.217, 302.131
Yxy	2.0199, 0.1761, 0.1031
Android (android.graphics.Color)	4279900779 (0xFF1A1A6B)
YUV	35.2340, 35.3806, -8.0982
Hunter-Lab	14.2125, 18.4486, -48.9473

Details

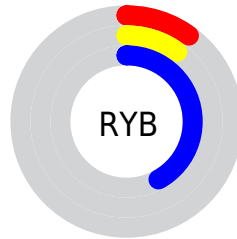
The Hex color **1A1A6B** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **6B6B1A**, and the grayscale version is **232323**.

A 20% lighter version of the original color is **54469F**, and **00003A** is the 20% darker color. If you saturate the color by 10%, you get **0F0F6B**, and if you desaturate by 10%, it is **25256B**.

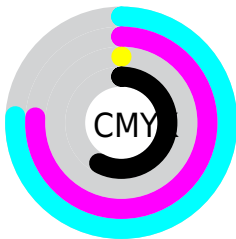
Distribution



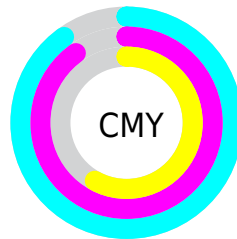
- Red (10%)
- Green (10%)
- Blue (42%)



- Red (10%)
- Yellow (10%)
- Blue (42%)



- Cyan (76%)
- Magenta (76%)
- Yellow (0%)
- Black (58%)



- Cyan (90%)
- Magenta (90%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1A1A6B 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 1A1A6B by changing the saturation by 10% instead.

■ 1A1A6B

■ 1A1A6B

FFFFFF

■ 000552

■ 54469F

■ 00003A

■ 6F5EBB

■ 000224

■ 8A77D7

■ 00000B

■ A691F3

■ 000000

■ C2ABFF

■ DFC7FF

■ FDE3FF

■ 1A1A6B

■ 1A1A6B

■ 0F0F6B

■ 25256B

■ 05056B

■ 2F2F6B

■ 00006B

■ 3A3A6B

■ 45456B

■ 50506B

■ 5A5A6B

■ 65656B

■ 70706B

■ 7A7A6B

Harmonies

Analogous

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



002D78



1A1A6B



55004C

Triad

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



1A1A6B



4D1300



003529

Complementary

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



1A1A6B



6B6B1A

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.



003300



1A1A6B



2F2700

Square

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



1A1A6B



610000



002F00



003650

Rectangle

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



1A1A6B



630033



002F00



00351B

Sweetspot

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



1A1A6B



6C6C8C



1A6B6B



333347



C7C7C7



474747

Same Dimension

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



1A1A6B



0D0D8C



431A6B



303036



000075



0000F5

Inverse Universe

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



6B1A6B



8C0D8C



436B1A



363036



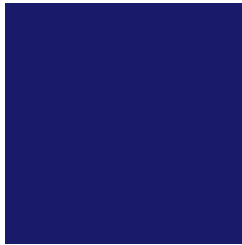
750075



F500F5

Previews

White Background



This preview shows how the Hex color 1A1A6B looks on a white background.

Color Contrast Check

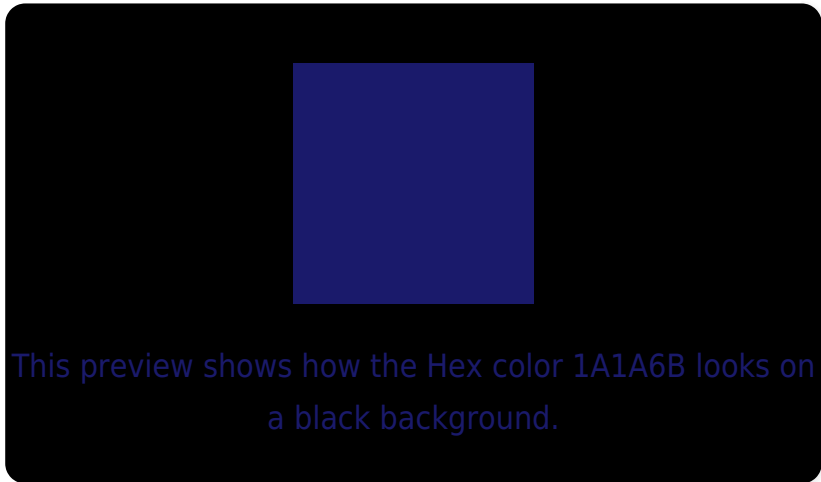
Large Text (above 18pt) WCAG AA ✓ Pass

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

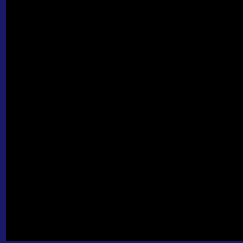
Any Text WCAG AA × Fail

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 1A1A6B Background



This preview shows how black text looks on a background with the Hex color 1A1A6B.



This preview shows how white text looks on a background with the Hex color 1A1A6B.

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
1A1A6B

Protanopia
002651

Deuteranopia
002945

Trichromacy



Original Color
1A1A6B

Protanomaly
09225A

Deuteranomaly
092453

Tritanomaly
092545

Monochromacy



Original Color
1A1A6B

Achromatopsia
232323

Achromatomaly
20203D

CSS Examples

Text

The CSS property to change the color of the text to Hex 1A1A6B 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 #1A1A6B looks like.

```
.text, #text, p{  
    color:#1A1A6B  
}
```

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 #1A1A6B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1A1A6B
}
```

Border

The CSS property to change the border of an element to Hex 1A1A6B 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
#1A1A6B }
```

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

```
.border{ border-color:#1A1A6B }
```

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

Here you see how a box with a 4 pixel #1A1A6B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1A1A6B; -webkit-box-shadow:4px 4px  
4px 4px #1A1A6B; box-shadow:4px 4px 4px  
4px #1A1A6B }
```

Background

The CSS property to change the background color of an element to Hex 1A1A6B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1A1A6B }
```

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

```
.background{ background-color:#1A1A6B }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor