

Converting Colors

Hex(1616C6)

Have a look what the booklet for
Hex(1616C6) contains.

| | |
|--|----|
| Hex(1616C6) | 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(1616C6)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 1616C6 |
| RGB | 22, 22, 198 |
| RGB Percent | 9%, 9%, 78% |
| CMY | 0.9137, 0.9137, 0.2235 |
| CMYK | 0.89, 0.89, 0.00, 0.22 |
| HSL | 240°, 80%, 43% |
| HSV | 240°, 89%, 78% |
| XYZ | 10.8108, 4.8216, 53.7869 |
| YIQ | 42.0640, -56.4960, 54.7360 |

Conversions

Conversions Part 2

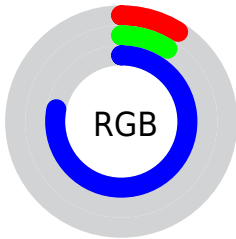
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 22, 22, 198 |
| Decimal | 1447622 |
| CIELab | 26.22, 60.27, -85.31 |
| CIElCh | 26, 104.452, 305.243 |
| Yxy | 4.8216, 0.1557, 0.0695 |
| Android (android.graphics.Color) | 4279637702 (0xFF1616C6) |
| YUV | 42.0640, 76.8764, -17.5961 |
| Hunter-Lab | 21.9582, 49.4555, -129.8613 |

Details

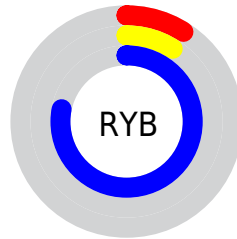
The Hex color **1616C6** is a dark color, and the websafe version is hex **3300CC**. The color can be described as dark washed blue. A complement of this color would be **C6C616**, and the grayscale version is **292929**.

A 20% lighter version of the original color is **6C4AFF**, and **00008E** is the 20% darker color. If you saturate the color by 10%, you get **0202C6**, and if you desaturate by 10%, it is **2A2AC6**.

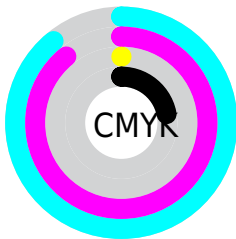
Distribution



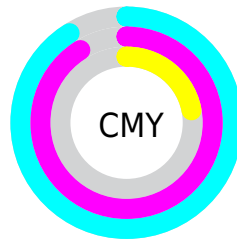
- Red (9%)
- Green (9%)
- Blue (78%)



- Red (9%)
- Yellow (9%)
- Blue (78%)



- Cyan (89%)
- Magenta (89%)
- Yellow (0%)
- Black (22%)




- Cyan (91%)
- Magenta (91%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1616C6 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 1616C6 by changing the saturation by 10% instead.

 1616C6

 1616C6

FFFFFF

 0000AA

 6C4AFF

 00008E

 8D64FF

 000074

 AC7EFF

 000C5A

 CC99FF

 000741

 EBB4FF

 00032A

 FFD1FF

 000115

 FFEDFF

 000000

 1616C6

 1616C6

■ 0202C6

■ 2A2AC6

■ 0000C6

■ 3E3EC6

■ 5151C6

■ 6565C6

■ 7979C6

■ 8D8DC6

■ A1A1C6

■ B4B4C6

■ C8C8C6

Harmonies

Analogous

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



004BE6



1616C6



9E0083

Triad

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



1616C6



7E1100



00554B

Complementary

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



1616C6



C6C616

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.



005300



1616C6



414100

Square

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



1616C6



A90000



004E00



00589B

Rectangle

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



1616C6



B6004F



004E00



00552F

Sweetspot

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



1616C6



BABAFF



16C6C6



575780



000000



808080

Same Dimension

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



1616C6



0000FF



6E16C6



5A5A63



0000A3



000024

Inverse Universe

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



C616C6



FF00FF



6EC616



635A63



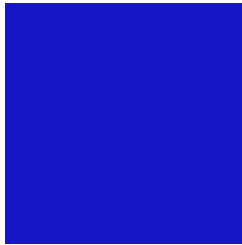
A300A3



240024

Previews

White Background



This preview shows how the Hex color 1616C6 looks on a white background.

Color Contrast Check

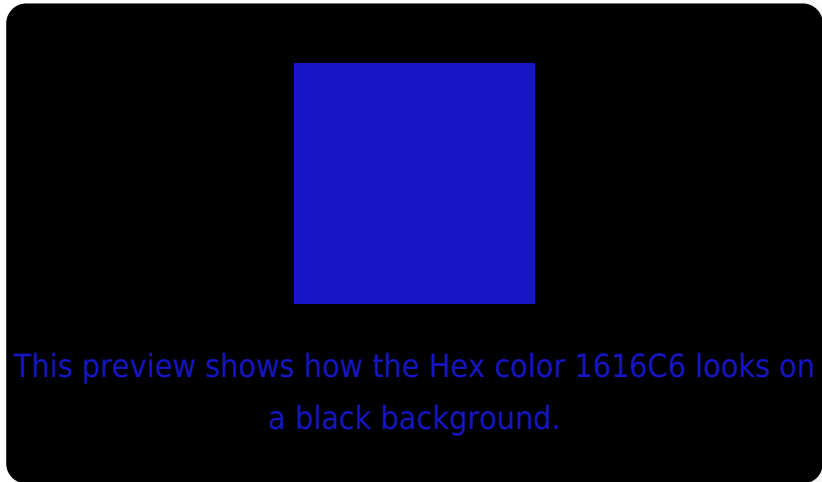
Large Text (above 18pt) WCAG AA ✓ Pass

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

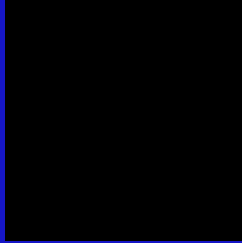
Any Text WCAG AA × Fail

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 1616C6 Background



This preview shows how black text looks on a background with the Hex color 1616C6.



This preview shows how white text looks on a background with the Hex color 1616C6.

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
1616C6

Protanopia
003C7F

Deuteranopia
00416B

Trichromacy



Original Color
1616C6

Protanomaly
082E99

Deuteranomaly
08318C

Tritanomaly
083576

Monochromacy



Original Color
1616C6

Achromatopsia
2A2A2A

Achromatomaly
232363

CSS Examples

Text

The CSS property to change the color of the text to Hex 1616C6 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 #1616C6 looks like.

```
.text, #text, p{  
    color:#1616C6  
}
```

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 #1616C6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1616C6
}
```

Border

The CSS property to change the border of an element to Hex 1616C6 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
#1616C6 }
```

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

```
.border{ border-color:#1616C6 }
```

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

Here you see how a box with a 4 pixel #1616C6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1616C6; -webkit-box-shadow:4px 4px  
4px 4px #1616C6; box-shadow:4px 4px 4px  
4px #1616C6 }
```

Background

The CSS property to change the background color of an element to Hex 1616C6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1616C6 }
```

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

```
.background{ background-color:#1616C6 }
```

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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