

Converting Colors

Hex(1616A8)

Have a look what the booklet for
Hex(1616A8) contains.

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Color

Hex(1616A8)

Conversions

Conversions Part 1

Format	Color
Hex	1616A8
RGB	22, 22, 168
RGB Percent	9%, 9%, 66%
CMY	0.9137, 0.9137, 0.3412
CMYK	0.87, 0.87, 0.00, 0.34
HSL	240°, 77%, 37%
HSV	240°, 87%, 66%
XYZ	7.6857, 3.5715, 37.3301
YIQ	38.6440, -46.8660, 45.4060

Conversions

Conversions Part 2

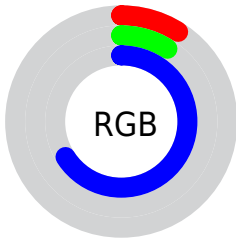
Format	Color
R _{YB}	22, 22, 168
Decimal	1447592
CIE Lab	22.20, 51.55, -74.11
CIE LCh	22, 90.282, 304.822
Yxy	3.5715, 0.1582, 0.0735
Android (android.graphics.Color)	4279637672 (0xFF1616A8)
YUV	38.6440, 63.7725, -14.5968
Hunter-Lab	18.8985, 39.5201, -103.8860

Details

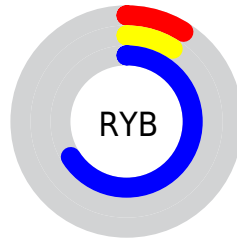
The Hex color **1616A8** is a dark color, and the websafe version is hex **000099**. A complement of this color would be **A8A816**, and the grayscale version is **262626**.

A 20% lighter version of the original color is **6447E1**, and **000072** is the 20% darker color. If you saturate the color by 10%, you get **0505A8**, and if you desaturate by 10%, it is **2727A8**.

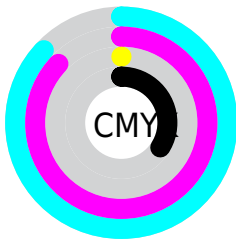
Distribution



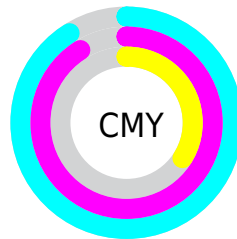
- Red (9%)
- Green (9%)
- Blue (66%)



- Red (9%)
- Yellow (9%)
- Blue (66%)



- Cyan (87%)
- Magenta (87%)
- Yellow (0%)
- Black (34%)



- Cyan (91%)
- Magenta (91%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1616A8 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 1616A8 by changing the saturation by 10% instead.

■ 1616A8

■ 1616A8

FFFFFF

■ 00008D

■ 6447E1

■ 000072

■ 8360FE

■ 000059

■ A17AFF

■ 000740

■ BF94FF

■ 000329

■ DDAFFF

■ 000113

■ FCCBFF

■ 000000

■ FFE8FF

■ 1616A8

■ 1616A8

■ 0505A8

■ 2727A8

■ 0000A8

■ 3838A8

■ 4848A8

■ 5959A8

■ 6A6AA8

■ 7B7BA8

■ 8C8CA8

■ 9C9CA8

■ ADADA8

Harmonies

Analogous

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



0040C2



1616A8



860070

Triad

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



1616A8



6C1000



004A3F

Complementary

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



1616A8



A8A816

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.



004700



1616A8



393700

Square

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



1616A8



900000



004300



004B83

Rectangle

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



1616A8



9A0044



004300



004927

Sweetspot

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



1616A8



A2A2DB



16A8A8



4C4C6E



EDEDED



6E6E6E

Same Dimension

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



1616A8



0000DB



5F16A8



4C4C54



000094



000014

Inverse Universe

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



A816A8



DB00DB



5FA816



544C54



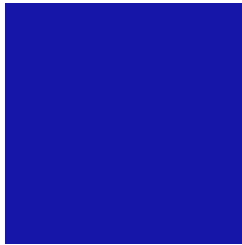
940094



140014

Previews

White Background



This preview shows how the Hex color 1616A8 looks on a white background.

Color Contrast Check

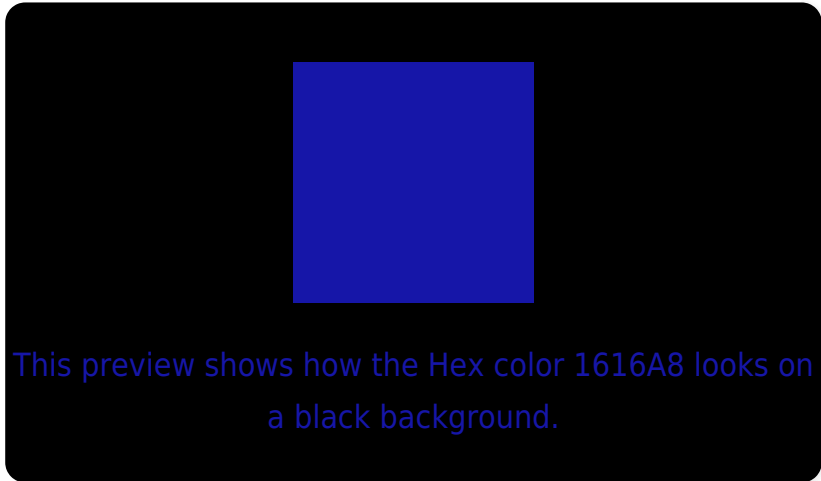
Large Text (above 18pt) WCAG AA ✓ Pass

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

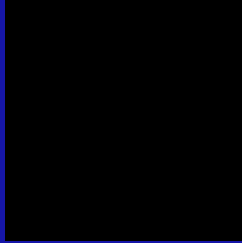
Any Text WCAG AA × Fail

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 1616A8 Background



This preview shows how black text looks on a background with the Hex color 1616A8.



This preview shows how white text looks on a background with the Hex color 1616A8.

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
1616A8

Protanopia
00346E

Deuteranopia
00385D



Tritanopia
003C3F

Trichromacy



Original Color
1616A8

Protanomaly
082983

Deuteranomaly
082C78

Tritanomaly
082E65

Monochromacy



Original Color
1616A8

Achromatopsia
272727

Achromatomaly
212156

CSS Examples

Text

The CSS property to change the color of the text to Hex 1616A8 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 #1616A8 looks like.

```
.text, #text, p{  
  color:#1616A8  
}
```

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 #1616A8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1616A8
}
```

Border

The CSS property to change the border of an element to Hex 1616A8 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".

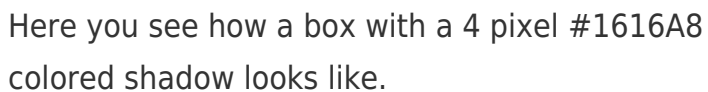
```
.border, #border, table{ border:4px solid
#1616A8 }
```

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

```
.border{ border-color:#1616A8 }
```

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

Here you see how a box with a 4 pixel #1616A8 colored shadow looks like.

A rectangular box with a blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1616A8; -webkit-box-shadow:4px 4px  
4px 4px #1616A8; box-shadow:4px 4px 4px  
4px #1616A8 }
```

Background

The CSS property to change the background color of an element to Hex 1616A8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1616A8 }
```

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

```
.background{ background-color:#1616A8 }
```

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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