

Converting Colors

Hex(1216BA)

Have a look what the booklet for
Hex(1216BA) contains.

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Color

Hex(1216BA)

Conversions

Conversions Part 1

Format	Color
Hex	1216BA
RGB	18, 22, 186
RGB Percent	7%, 9%, 73%
CMY	0.9294, 0.9137, 0.2706
CMYK	0.90, 0.88, 0.00, 0.27
HSL	239°, 82%, 40%
HSV	239°, 90%, 73%
XYZ	9.3993, 4.2476, 46.7788
YIQ	39.5000, -55.0280, 50.1560

Conversions

Conversions Part 2

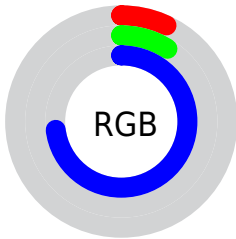
Format	Color
R _Y B	18, 22, 186
Decimal	1185466
CIE Lab	24.47, 56.76, -81.13
CIE LCh	24, 99.016, 304.978
Yxy	4.2476, 0.1556, 0.0703
Android (android.graphics.Color)	4279375546 (0xFF1216BA)
YUV	39.5000, 72.2245, -18.8555
Hunter-Lab	20.6097, 45.3401, -120.1468

Details

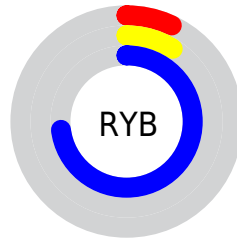
The Hex color **1216BA** is a dark color, and the websafe version is hex **000099**. A complement of this color would be **BAB612**, and the grayscale version is **272727**.

A 20% lighter version of the original color is **6849F4**, and **000083** is the 20% darker color. If you saturate the color by 10%, you get **0004BA**, and if you desaturate by 10%, it is **2528BA**.

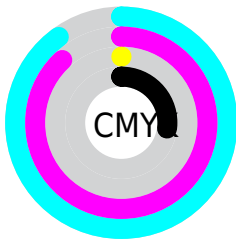
Distribution



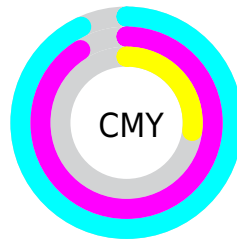
- Red (7%)
- Green (9%)
- Blue (73%)



- Red (7%)
- Yellow (9%)
- Blue (73%)



- Cyan (90%)
- Magenta (88%)
- Yellow (0%)
- Black (27%)



- Cyan (93%)
- Magenta (91%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1216BA 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 1216BA by changing the saturation by 10% instead.

■ 1216BA

■ 1216BA

FFFFFF

■ 00009E

■ 6849F4

■ 000083

■ 8862FF

■ 000069

■ A77CFF

■ 000A4F

■ C697FF

■ 000538

■ E5B2FF

■ 000221

■ FFCEFF

■ 000006

■ FFE8FF

■ 000000

■ 1216BA

■ 1216BA

■ 0004BA

■ 2528BA

■ 373ABA

■ 4A4CBA

■ 5C5FBA

■ 6F71BA

■ 8283BA

■ 9495BA

■ A7A7BA

■ B9B9BA

Harmonies

Analogous

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



0046D7



1216BA



94007B

Triad

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



1216BA



771000



005046

Complementary

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



1216BA



BAB612

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.



004E00



1216BA



3D3D00

Square

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



1216BA



9F0000



004A00



005291

Rectangle

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



1216BA



AA004B



004A00



00502B

Sweetspot

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



1216BA



B1B2F2



12BAB4



53547A



FAFAFA



7A7A7A

Same Dimension

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



1216BA



0006F2



6012BA



53535C



00049C



00011C

Inverse Universe

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



BA1216



F20006



6CBA12



5C5353



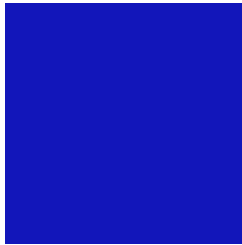
9C0004



1C0001

Previews

White Background



This preview shows how the Hex color 1216BA looks on a white background.

Color Contrast Check

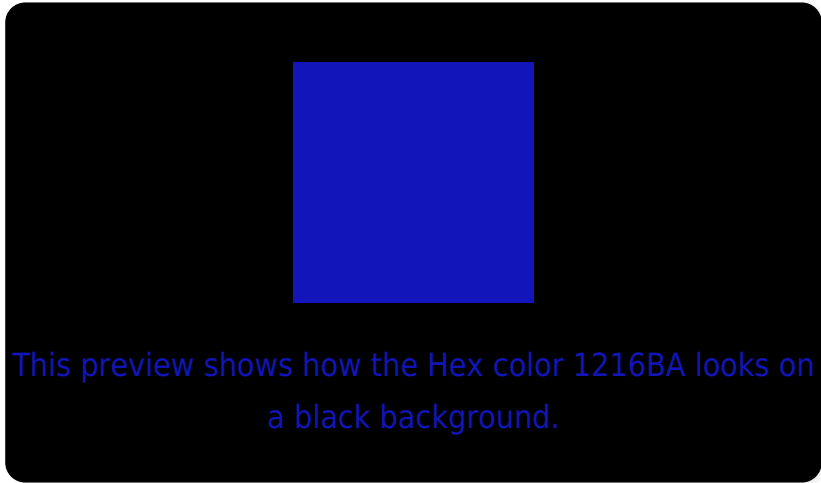
Large Text (above 18pt) WCAG AA ✓ Pass

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

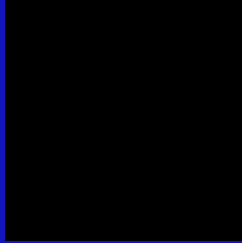
Any Text WCAG AA × Fail

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 1216BA Background



This preview shows how black text looks on a background with the Hex color 1216BA.



This preview shows how white text looks on a background with the Hex color 1216BA.

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
1216BA

Protanopia
003977

Deuteranopia
003D65

Trichromacy



Original Color
1216BA

Protanomaly
072C8F

Deuteranomaly
072F84

Tritanomaly
073270

Monochromacy



Original Color
1216BA

Achromatopsia
282828

Achromatomaly
20215D

CSS Examples

Text

The CSS property to change the color of the text to Hex 1216BA 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 #1216BA looks like.

```
.text, #text, p{  
    color:#1216BA  
}
```

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 #1216BA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1216BA
}
```

Border

The CSS property to change the border of an element to Hex 1216BA 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".

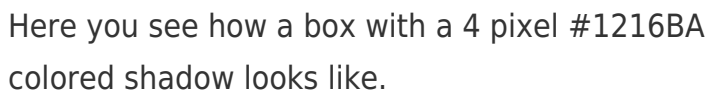
```
.border, #border, table{ border:4px solid
#1216BA }
```

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

```
.border{ border-color:#1216BA }
```

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

Here you see how a box with a 4 pixel #1216BA 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 #1216BA; -webkit-box-shadow:4px 4px  
4px 4px #1216BA; box-shadow:4px 4px 4px  
4px #1216BA }
```

Background

The CSS property to change the background color of an element to Hex 1216BA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1216BA }
```

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

```
.background{ background-color:#1216BA }
```

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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