

Converting Colors

Hex(1D12BA)

Have a look what the booklet for
Hex(1D12BA) contains.

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Color

Hex(1D12BA)

Conversions

Conversions Part 1

Format	Color
Hex	1D12BA
RGB	29, 18, 186
RGB Percent	11%, 7%, 73%
CMY	0.8863, 0.9294, 0.2706
CMYK	0.84, 0.90, 0.00, 0.27
HSL	244°, 82%, 40%
HSV	244°, 90%, 73%
XYZ	9.5859, 4.2390, 46.7673
YIQ	40.4410, -47.3720, 54.5800

Conversions

Conversions Part 2

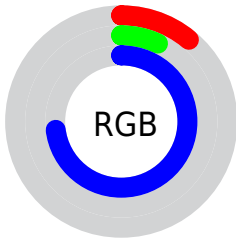
Format	Color
RYB	29, 18, 186
Decimal	1905338
CIELab	24.45, 58.40, -81.17
CIElCh	24, 99.993, 305.736
Yxy	4.2390, 0.1582, 0.0700
Android (android.graphics.Color)	4280095418 (0xFF1D12BA)
YUV	40.4410, 71.7606, -10.0338
Hunter-Lab	20.5888, 47.0772, -120.2646

Details

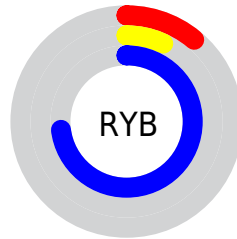
The Hex color **1D12BA** is a dark color, and the websafe version is hex **000099**. A complement of this color would be **AFBA12**, and the grayscale version is **282828**.

A 20% lighter version of the original color is **6C47F4**, and **000083** is the 20% darker color. If you saturate the color by 10%, you get **0C00BA**, and if you desaturate by 10%, it is **2E25BA**.

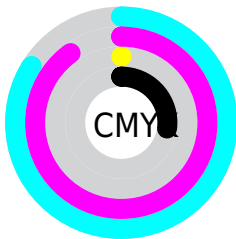
Distribution



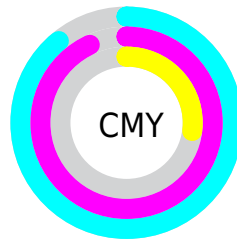
- Red (11%)
- Green (7%)
- Blue (73%)



- Red (11%)
- Yellow (7%)
- Blue (73%)



- Cyan (84%)
- Magenta (90%)
- Yellow (0%)
- Black (27%)



- Cyan (89%)
- Magenta (93%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1D12BA 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 1D12BA by changing the saturation by 10% instead.

 1D12BA

 1D12BA

FFFFFF

 00009E

 6C47F4

 000083

 8C60FF

 000069

 AB7AFF

 000A4F

 C995FF

 000538

 E8B0FF

 000221

 FFCDFD

 000006

 FFE9FF

 000000

 1D12BA

 1D12BA

■ 0C00BA

■ 2E25BA

■ 4037BA

■ 514ABA

■ 635CBA

■ 746FBA

■ 8582BA

■ 9794BA

■ A8A7BA

■ B9B9BA

Harmonies

Analogous

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



0046D9



1D12BA



96007A

Triad

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



1D12BA



761200



005048

Complementary

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



1D12BA



AFBA12

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



1D12BA



3B3D00

Square

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



1D12BA



9F0000



004A00



005394

Rectangle

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



1D12BA



AC0049



004A00



00502D

Sweetspot

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



1D12BA



B5B1F2



12B2BA



56537A



FAFAFA



7A7A7A

Same Dimension

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



1D12BA



1000F2



6E12BA



53535C



0A009C



02001C

Inverse Universe

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



BA12AF



F200E2



5EBA12



5C535B



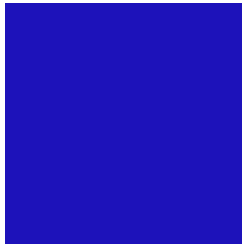
9C0091



1C001A

Previews

White Background



This preview shows how the Hex color 1D12BA looks on a white background.

Color Contrast Check

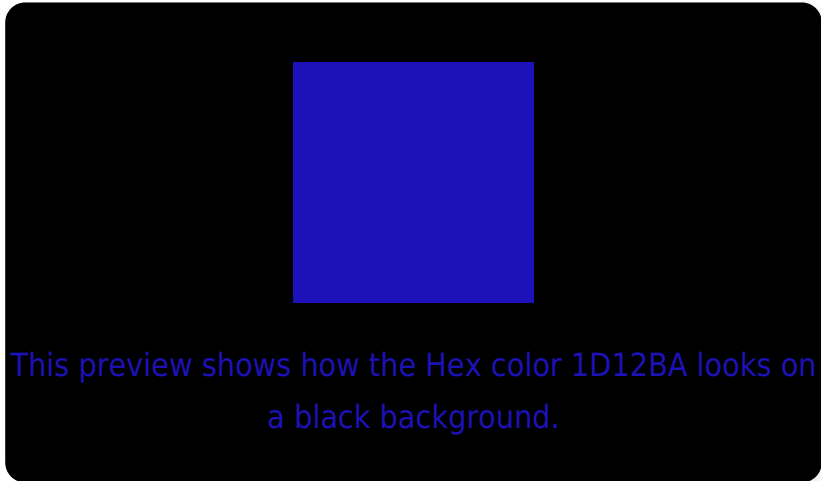
Large Text (above 18pt) WCAG AA ✓ Pass

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

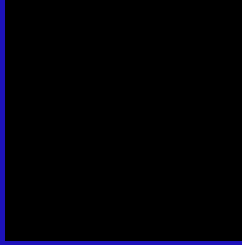
Any Text WCAG AA × Fail

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 1D12BA Background



This preview shows how black text looks on a background with the Hex color 1D12BA.



This preview shows how white text looks on a background with the Hex color 1D12BA.

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
1D12BA

Protanopia
003977

Deuteranopia
003D65

Trichromacy



Original Color
1D12BA

Protanomaly
0B2B8F

Deuteranomaly
0B2D84

Tritanomaly
0B3170

Monochromacy



Original Color
1D12BA

Achromatopsia
282828

Achromatomaly
24205D

CSS Examples

Text

The CSS property to change the color of the text to Hex 1D12BA 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 #1D12BA looks like.

```
.text, #text, p{  
    color:#1D12BA  
}
```

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 #1D12BA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1D12BA
}
```

Border

The CSS property to change the border of an element to Hex 1D12BA 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
#1D12BA }
```

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

```
.border{ border-color:#1D12BA }
```

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

Here you see how a box with a 4 pixel #1D12BA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1D12BA; -webkit-box-shadow:4px 4px  
4px 4px #1D12BA; box-shadow:4px 4px 4px  
4px #1D12BA }
```

Background

The CSS property to change the background color of an element to Hex 1D12BA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1D12BA }
```

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

```
.background{ background-color:#1D12BA }
```

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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