

Converting Colors

Hex(1D1BA1)

Have a look what the booklet for
Hex(1D1BA1) contains.

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Color

Hex(1D1BA1)

Conversions

Conversions Part 1

Format	Color
Hex	1D1BA1
RGB	29, 27, 161
RGB Percent	11%, 11%, 63%
CMY	0.8863, 0.8941, 0.3686
CMYK	0.82, 0.83, 0.00, 0.37
HSL	241°, 71%, 37%
HSV	241°, 83%, 63%
XYZ	7.3317, 3.6183, 34.0302
YIQ	42.8740, -41.8220, 42.0980

Conversions

Conversions Part 2

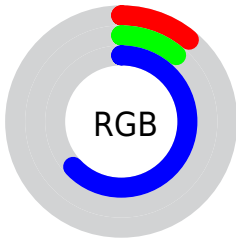
Format	Color
R_{YB}	29, 27, 161
Decimal	1907617
CIE _{Lab}	22.37, 47.47, -69.58
CIE _{LCh}	22, 84.226, 304.303
Yxy	3.6183, 0.1630, 0.0804
Android (android.graphics.Color)	4280097697 (0xFF1D1BA1)
YUV	42.8740, 58.2361, -12.1675
Hunter-Lab	19.0218, 35.5119, -92.7552

Details

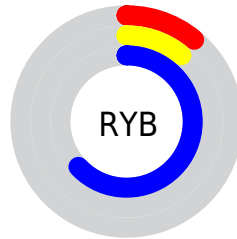
The Hex color **1D1BA1** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **9FA11B**, and the grayscale version is **2A2A2A**.

A 20% lighter version of the original color is **644BD9**, and **00006C** is the 20% darker color. If you saturate the color by 10%, you get **0D0BA1**, and if you desaturate by 10%, it is **2D2BA1**.

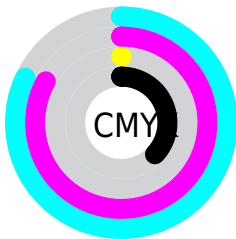
Distribution



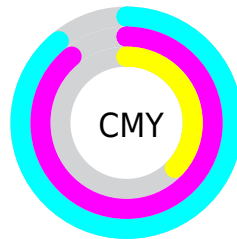
- Red (11%)
- Green (11%)
- Blue (63%)



- Red (11%)
- Yellow (11%)
- Blue (63%)



- Cyan (82%)
- Magenta (83%)
- Yellow (0%)
- Black (37%)



- Cyan (89%)
- Magenta (89%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1D1BA1 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 1D1BA1 by changing the saturation by 10% instead.

■ 1D1BA1

■ 1D1BA1

FFFFFF

■ 000386

■ 644BD9

■ 00006C

■ 8364F6

■ 000053

■ A07DFF

■ 00063A

■ BE98FF

■ 000224

■ DCB3FF

■ 00000B

■ FACFFF

■ 000000

■ FFE8FF

■ 1D1BA1

■ 1D1BA1

■ 0D0BA1

■ 2D2BA1

■ 0200A1

■ 3D3BA1

■ 4D4BA1

■ 5C5BA1

■ 6C6CA1

■ 7C7CA1

■ 8C8CA1

■ 9C9CA1

■ ACACA1

Harmonies

Analogous

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



003FB8



1D1BA1



80006D

Triad

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



1D1BA1



6B1400



00493E

Complementary

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



1D1BA1



9FA11B

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



1D1BA1



3B3700

Square

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



1D1BA1



8C0000



004300



004B7D

Rectangle

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



1D1BA1



940045



004300



004927

Sweetspot

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



1D1BA1



9E9DD1



1BA1A1



4A4969



E8E8E8



696969

Same Dimension

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



1D1BA1



0300D1



5E1BA1



4A4952



020091



000012

Inverse Universe

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



A11B9F



D100CE



5EA11B



524951



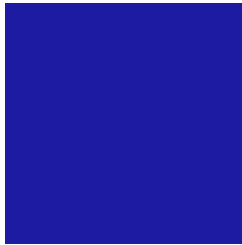
91008F



120012

Previews

White Background



This preview shows how the Hex color 1D1BA1 looks on a white background.

Color Contrast Check

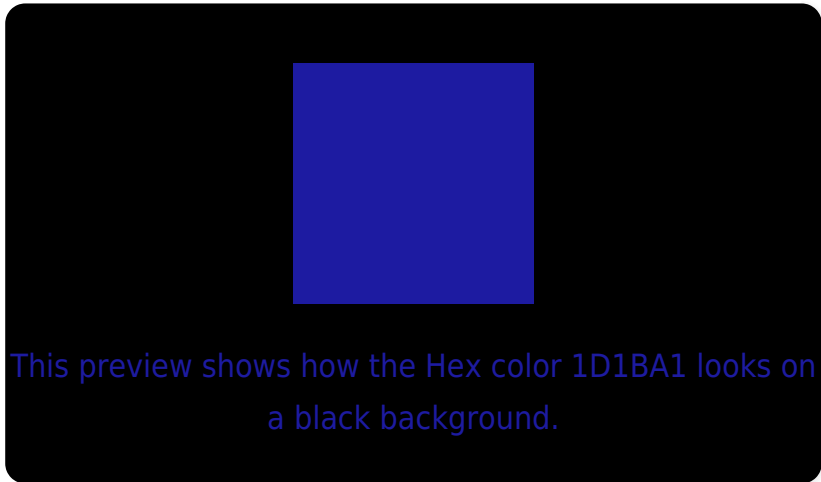
Large Text (above 18pt) WCAG AA ✓ Pass

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

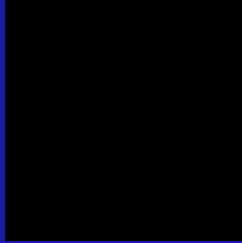
Any Text WCAG AA × Fail

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 1D1BA1 Background



This preview shows how black text looks on a background with the Hex color 1D1BA1.



This preview shows how white text looks on a background with the Hex color 1D1BA1.

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
1D1BA1

Deuteranopia
00385D

Tritanopia
003C3F

Trichromacy



Original Color
1D1BA1

Deuteranomaly
0B2D76

Tritanomaly
0B3063

Monochromacy



Original Color
1D1BA1

Achromatopsia
2B2B2B

Achromatomaly
262556

CSS Examples

Text

The CSS property to change the color of the text to Hex 1D1BA1 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 #1D1BA1 looks like.

```
.text, #text, p{  
    color:#1D1BA1  
}
```

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 #1D1BA1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1D1BA1
}
```

Border

The CSS property to change the border of an element to Hex 1D1BA1 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
#1D1BA1 }
```

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

```
.border{ border-color:#1D1BA1 }
```

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

Here you see how a box with a 4 pixel #1D1BA1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1D1BA1; -webkit-box-shadow:4px 4px  
4px 4px #1D1BA1; box-shadow:4px 4px 4px  
4px #1D1BA1 }
```

Background

The CSS property to change the background color of an element to Hex 1D1BA1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1D1BA1 }
```

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

```
.background{ background-color:#1D1BA1 }
```

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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