

Converting Colors

Hex(1D1496)

Have a look what the booklet for
Hex(1D1496) contains.

Hex(1D1496)	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(1D1496)

Conversions

Conversions Part 1

Format	Color
Hex	1D1496
RGB	29, 20, 150
RGB Percent	11%, 8%, 59%
CMY	0.8863, 0.9216, 0.4118
CMYK	0.81, 0.87, 0.00, 0.41
HSL	244°, 76%, 33%
HSV	244°, 87%, 59%
XYZ	6.2619, 2.9635, 29.0961
YIQ	37.5110, -36.3660, 42.3380

Conversions

Conversions Part 2

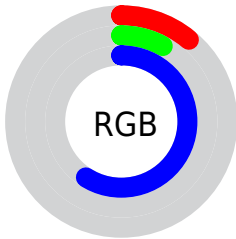
Format	Color
R _Y B	29, 20, 150
Decimal	1905814
CIE Lab	19.90, 47.21, -66.93
CIE LCh	20, 81.906, 305.199
Yxy	2.9635, 0.1634, 0.0773
Android (android.graphics.Color)	4280095894 (0xFF1D1496)
YUV	37.5110, 55.4571, -7.4641
Hunter-Lab	17.2149, 34.8028, -88.1598

Details

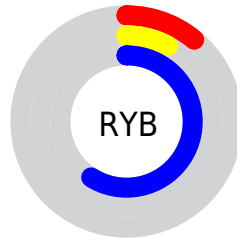
The Hex color **1D1496** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **8D9614**, and the grayscale version is **252525**.

A 20% lighter version of the original color is **6244CD**, and **000062** is the 20% darker color. If you saturate the color by 10%, you get **0F0596**, and if you desaturate by 10%, it is **2B2396**.

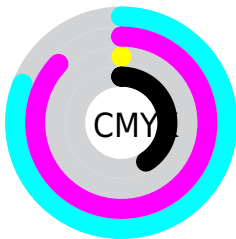
Distribution



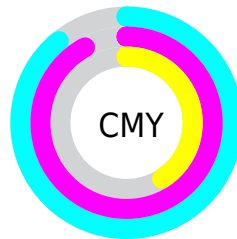
- Red (11%)
- Green (8%)
- Blue (59%)



- Red (11%)
- Yellow (8%)
- Blue (59%)



- Cyan (81%)
- Magenta (87%)
- Yellow (0%)
- Black (41%)



- Cyan (89%)
- Magenta (92%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1D1496 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 1D1496 by changing the saturation by 10% instead.

■ 1D1496

■ 1D1496

FFFFFF

■ 00007B

■ 6244CD

■ 000062

■ 805DEA

■ 000649

■ 9D76FF

■ 000431

■ BA91FF

■ 00011B

■ D8ACFF

■ 000000

■ F6C7FF

■ FFE4FF

■ 1D1496

■ 1D1496

■ 0F0596

■ 2B2396

■ 0A0096

■ 393296

■ 474196

■ 555096

■ 635F96

■ 716E96

■ 7F7D96

■ 8D8C96

■ 9B9B96

Harmonies

Analogous

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



0039AD



1D1496



790064

Triad

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



1D1496



621100



00433A

Complementary

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



1D1496



8D9614

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.



004100



1D1496



333200

Square

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



1D1496



820000



003D00



004476

Rectangle

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



1D1496



8B003D



003D00



004324

Sweetspot

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



1D1496



938FC2



148D96



454361



E0E0E0



616161

Same Dimension

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



1D1496



0D00C2



5E1496



43434A



0A008A



01000A

Inverse Universe

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



96148D



C200B4



4C9614



4A4349



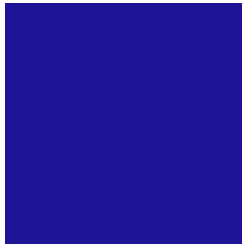
8A0080



0A0009

Previews

White Background



This preview shows how the Hex color 1D1496 looks on a white background.

Color Contrast Check

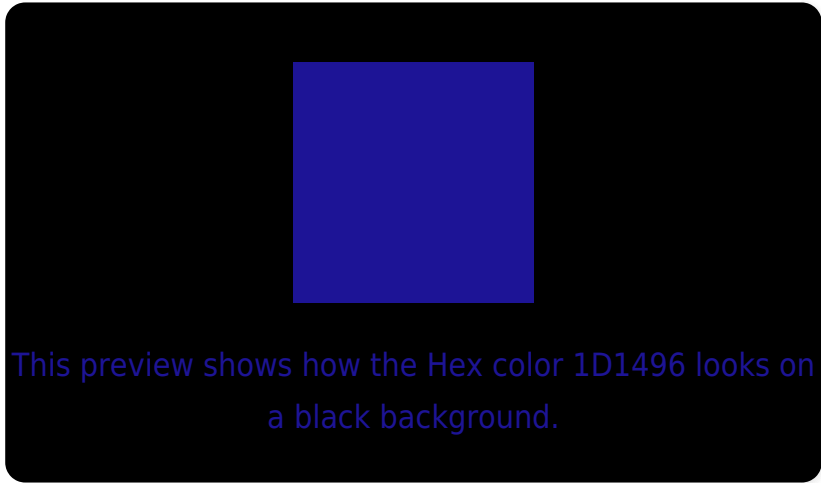
Large Text (above 18pt) WCAG AA ✓ Pass

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

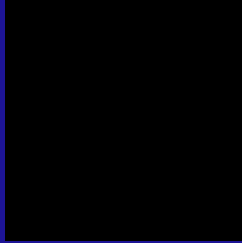
Any Text WCAG AA × Fail

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 1D1496 Background



This preview shows how black text looks on a background with the Hex color 1D1496.



This preview shows how white text looks on a background with the Hex color 1D1496.

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
1D1496

Protanopia
003064

Deuteranopia
003355



Tritanopia
00373A

Trichromacy



Original Color
1D1496

Protanomaly
0B2676

Deuteranomaly
0B286D

Tritanomaly
0B2A5B

Monochromacy



Original Color
1D1496

Achromatopsia
262626

Achromatomaly
231F4F

CSS Examples

Text

The CSS property to change the color of the text to Hex 1D1496 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 #1D1496 looks like.

```
.text, #text, p{  
    color:#1D1496  
}
```

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 #1D1496 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1D1496
}
```

Border

The CSS property to change the border of an element to Hex 1D1496 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".

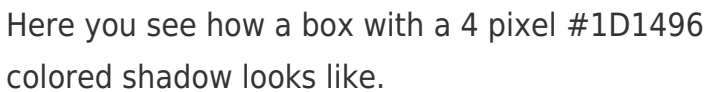
```
.border, #border, table{ border:4px solid
#1D1496 }
```

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

```
.border{ border-color:#1D1496 }
```

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

Here you see how a box with a 4 pixel #1D1496 colored shadow looks like.

A rectangular box with a thick 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 #1D1496; -webkit-box-shadow:4px 4px  
4px 4px #1D1496; box-shadow:4px 4px 4px  
4px #1D1496 }
```

Background

The CSS property to change the background color of an element to Hex 1D1496 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1D1496 }
```

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

```
.background{ background-color:#1D1496 }
```

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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