

Converting Colors

Hex(1D1D87)

Have a look what the booklet for
Hex(1D1D87) contains.

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Color

Hex(1D1D87)

Conversions

Conversions Part 1	
Format	Color
Hex	1D1D87
RGB	29, 29, 135
RGB Percent	11%, 11%, 53%
CMY	0.8863, 0.8863, 0.4706
CMYK	0.79, 0.79, 0.00, 0.47
HSL	240°, 65%, 32%
HSV	240°, 79%, 53%
XYZ	5.3192, 2.8892, 23.1990
YIQ	41.0840, -34.0260, 32.9660

Conversions

Conversions Part 2

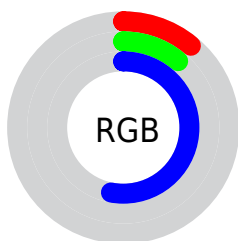
Format	Color
RYB	29, 29, 135
Decimal	1908103
CIELab	19.59, 37.83, -58.08
CIELCh	20, 69.315, 303.074
Yxy	2.8892, 0.1694, 0.0920
Android (android.graphics.Color)	4280098183 (0xFF1D1D87)
YUV	41.0840, 46.3006, -10.5977
Hunter-Lab	16.9977, 26.1137, -69.0226

Details

The Hex color **1D1D87** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **87871D**, and the grayscale version is **292929**.

A 20% lighter version of the original color is **5D4BBD**, and **000054** is the 20% darker color. If you saturate the color by 10%, you get **101087**, and if you desaturate by 10%, it is **2B2B87**.

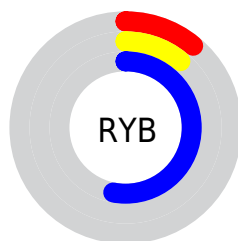
Distribution



Red (11%)

Green (11%)

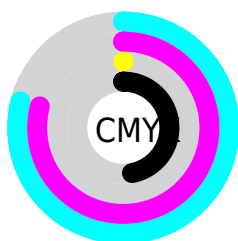
Blue (53%)



Red (11%)

Yellow (11%)

Blue (53%)

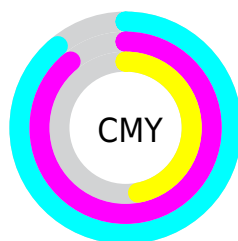


Cyan (79%)

Magenta (79%)

Yellow (0%)

Black (47%)



Cyan (89%)

Magenta (89%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1D1D87 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 1D1D87 by changing the saturation by 10% instead.

 1D1D87

 1D1D87

FFFFFF

 00076D

 5D4BBD

 000054

 7A63DA

 00063C

 967CF7

 000225

 B396FF

 00010D

 D0B1FF

 000000

 EECDFE

 FFE9FF

 1D1D87

 1D1D87

 101087

 2B2B87

 020287

 383887

 000087

 464687

 535387

 616187

 6E6E87

 7B7B87

 898987

 969687

Harmonies

Analogous

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



003798



1D1D87



6B005E

Triad

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



1D1D87



5E1500



004134

Complementary

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



1D1D87



87871D

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.



003E00



1D1D87



373000

Square

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



1D1D87



780000



003A00



004167

Rectangle

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



1D1D87



7C003E



003A00



004022

Sweetspot

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



1D1D87



8686B0



1D8787



3F3F59



D9D9D9



595959

Same Dimension

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



1D1D87



0B0BB0



521D87



3C3C42



000082



000003

Inverse Universe

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



871D87



B00BB0



52871D



423C42



820082



030003

Previews

White Background



This preview shows how the Hex color 1D1D87 looks on a white background.

Color Contrast Check

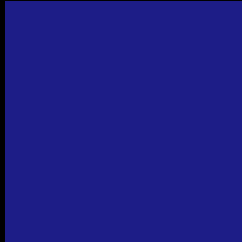
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the Hex color 1D1D87 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

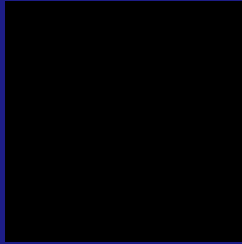
Any Text WCAG AA × Fail

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 1D1D87 Background



This preview shows how black text looks on a background with the Hex color 1D1D87.



This preview shows how white text looks on a background with the Hex color 1D1D87.

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
1D1D87





Protanopia
002F62

Deuteranopia
003253






Tritanopia
003638

Trichromacy

	Original Color 1D1D87
	Protanomaly 0B286F
	Deuteranomaly 0B2A66
	Tritanomaly 0B2D55

Monochromacy

	Original Color 1D1D87
	Achromatopsia 292929
	Achromatomaly 25254B

CSS Examples

Text

The CSS property to change the color of the text to Hex 1D1D87 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 #1D1D87 looks like.

```
.text, #text, p{  
    color:#1D1D87  
}
```

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 #1D1D87 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1D1D87
}
```

Border

The CSS property to change the border of an element to Hex 1D1D87 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
#1D1D87 }
```

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

```
.border{ border-color:#1D1D87 }
```

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

Here you see how a box with a 4 pixel #1D1D87 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1D1D87; -webkit-box-shadow:4px 4px  
4px 4px #1D1D87; box-shadow:4px 4px 4px  
4px #1D1D87 }
```

Background

The CSS property to change the background color of an element to Hex 1D1D87 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1D1D87 }
```

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

```
.background{ background-color:#1D1D87 }
```

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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