

# Converting Colors

Hex(1D1287)

Have a look what the booklet for  
Hex(1D1287) contains.

<b>Hex(1D1287)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(1D1287)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	1D1287
RGB	29, 18, 135
RGB Percent	11%, 7%, 53%
CMY	0.8863, 0.9294, 0.4706
CMYK	0.79, 0.87, 0.00, 0.47
HSL	246°, 76%, 30%
HSV	246°, 87%, 53%
XYZ	5.0962, 2.4431, 23.1246
YIQ	34.6270, -31.0010, 38.7190

# Conversions

## Conversions Part 2

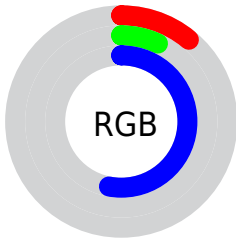
<b>Format</b>	<b>Color</b>
<b>RYB</b>	29, 18, 135
Decimal	1905287
CIELab	17.66, 43.46, -61.29
CIElCh	18, 75.136, 305.337
Yxy	2.4431, 0.1662, 0.0797
Android (android.graphics.Color)	4280095367 (0xFF1D1287)
YUV	34.6270, 49.4839, -4.9349
Hunter-Lab	15.6304, 30.8454, -76.7762

# Details

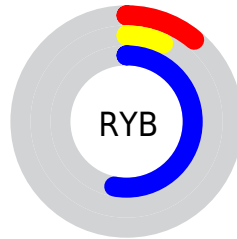
The Hex color **1D1287** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **7C8712**, and the grayscale version is **222222**.

A 20% lighter version of the original color is **5E41BE**, and **000054** is the 20% darker color. If you saturate the color by 10%, you get **110487**, and if you desaturate by 10%, it is **291F87**.

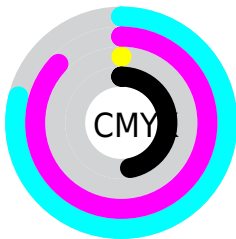
# Distribution



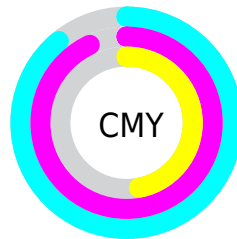
- Red (11%)
- Green (7%)
- Blue (53%)



- Red (11%)
- Yellow (7%)
- Blue (53%)



- Cyan (79%)
- Magenta (87%)
- Yellow (0%)
- Black (47%)



- Cyan (89%)
- Magenta (93%)
- Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1D1287 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 1D1287 by changing the saturation by 10% instead.



 1D1287

 1D1287

 FFFDFF

 00006D

 5E41BE

 000054

 7B5ADA

 00063B

 9873F7

 000225

 B58DFF

 00010D

 D2A8FF

 000000

 F0C3FF

 FFE0FF

 1D1287

 1D1287

■ 110487

■ 291F87

■ 0D0087

■ 352D87

■ 423A87

■ 4E4887

■ 5A5687

■ 666387

■ 737187

■ 7F7E87

■ 8B8B87

# Harmonies

## Analogous

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



00339C



1D1287



6D005A

# Triad

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



1D1287



581000



003D34

# Complementary

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



1D1287



7C8712

# 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.



003B00



1D1287



2E2D00

# Square

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



1D1287



750000



003700



003E6B

# Rectangle

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



1D1287



7D0036



003700



003D21



# Sweetspot

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



1D1287



8782B0



127D87



403E59



D9D9D9



595959



# Same Dimension

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



1D1287



1100B0



561287



3C3C42



0C0082



000003



# Inverse Universe

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



87127C



B0009F



438712



423C42



820076

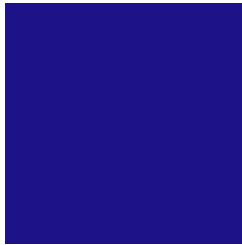


030002



# Previews

## White Background



This preview shows how the Hex color 1D1287 looks on a white background.

## Color Contrast Check

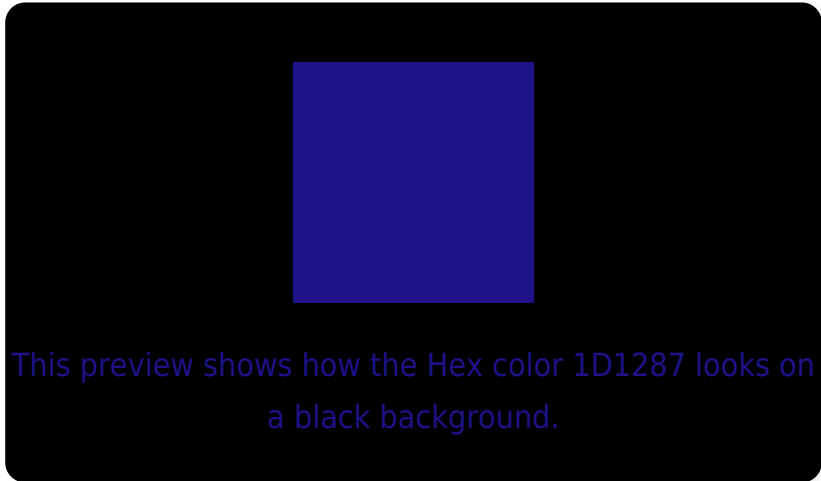
Large Text (above 18pt) WCAG AA ✓ Pass

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

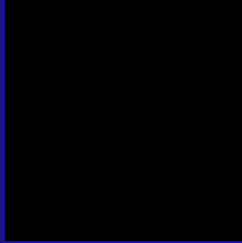
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 1D1287 Background



This preview shows how black text looks on a background with the Hex color 1D1287.



This preview shows how white text looks on a background with the Hex color 1D1287.

# 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**  
1D1287

**Protanopia**  
002B5B

**Deuteranopia**  
002E4D



# Trichromacy



**Original Color**  
1D1287

**Protanomaly**  
0B226B

**Deuteranomaly**  
0B2462

**Tritanomaly**  
0B2652

# Monochromacy



**Original Color**  
1D1287

**Achromatopsia**  
232323

**Achromatomaly**  
211D47

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1D1287 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 #1D1287 looks like.

```
.text, #text, p{  
    color:#1D1287  
}
```

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 #1D1287 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1D1287
}
```

## Border

The CSS property to change the border of an element to Hex 1D1287 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
#1D1287 }
```

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

```
.border{ border-color:#1D1287 }
```

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

Here you see how a box with a 4 pixel #1D1287 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1D1287; -webkit-box-shadow:4px 4px  
4px 4px #1D1287; box-shadow:4px 4px 4px  
4px #1D1287 }
```

# Background

The CSS property to change the background color of an element to Hex 1D1287 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1D1287 }
```

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

```
.background{ background-color:#1D1287 }
```

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](#).



# Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor