

Converting Colors

Hex(1D1D49)

Have a look what the booklet for
Hex(1D1D49) contains.

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Color

Hex(1D1D49)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | 1D1D49 |
| RGB | 29, 29, 73 |
| RGB Percent | 11%, 11%, 29% |
| CMY | 0.8863, 0.8863, 0.7137 |
| CMYK | 0.60, 0.60, 0.00, 0.71 |
| HSL | 240°, 43%, 20% |
| HSV | 240°, 60%, 29% |
| XYZ | 2.1487, 1.6210, 6.5030 |
| YIQ | 34.0160, -14.1240, 13.6840 |

Conversions

Conversions Part 2

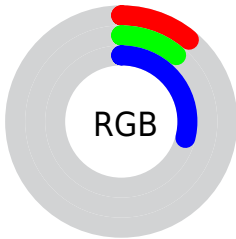
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 29, 29, 73 |
| Decimal | 1908041 |
| CIE _{Lab} | 13.36, 14.84, -27.56 |
| CIE _{LCh} | 13, 31.301, 298.295 |
| Yxy | 1.6210, 0.2092, 0.1578 |
| Android (android.graphics.Color) | 4280098121 (0xFF1D1D49) |
| YUV | 34.0160, 19.2191, -4.3990 |
| Hunter-Lab | 12.7318, 7.8437, -21.3711 |

Details

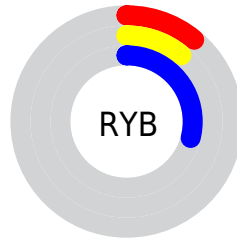
The Hex color **1D1D49** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **49491D**, and the grayscale version is **222222**.

A 20% lighter version of the original color is **4D497A**, and **00021D** is the 20% darker color. If you saturate the color by 10%, you get **161649**, and if you desaturate by 10%, it is **242449**.

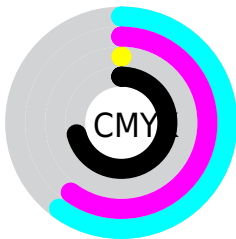
Distribution



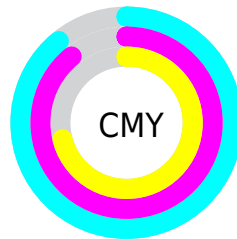
- Red (11%)
- Green (11%)
- Blue (29%)



- Red (11%)
- Yellow (11%)
- Blue (29%)



- Cyan (60%)
- Magenta (60%)
- Yellow (0%)
- Black (71%)



- Cyan (89%)
- Magenta (89%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1D1D49 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 1D1D49 by changing the saturation by 10% instead.

■ 1D1D49

■ 1D1D49

FFFFFF

■ 070432

■ 4D497A

■ 00021D

■ 666094

■ 000000

■ 8079AF

■ 9B93CA

■ B6ADE7

■ D2C9FF

■ EFE5FF

■ 1D1D49

■ 1D1D49

■ 161649

■ 242449

■ 0E0E49

■ 2C2C49

■ 070749

■ 333349

■ 000049

■ 3A3A49

■ 424249

■ 494949

■ 505049

■ 575749

■ 5F5F49

Harmonies

Analogous

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



00254E



1D1D49



3B113A

Triad

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



1D1D49



3D1800



002C20

Complementary

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



1D1D49



49491D

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.



002A07



1D1D49



2D2100

Square

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



1D1D49



470C0E



192700



002C36

Rectangle

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



1D1D49



44092C



192700



002B19

Sweetspot

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



1D1D49



4D4D5E



1D4949



262630



B0B0B0



303030

Same Dimension

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



1D1D49



1A1A5E



331D49



202024



000063



0000E3

Inverse Universe

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



491D49



5E1A5E



33491D



242024



630063



E300E3

Previews

White Background



This preview shows how the Hex color 1D1D49 looks on a white background.

Color Contrast Check

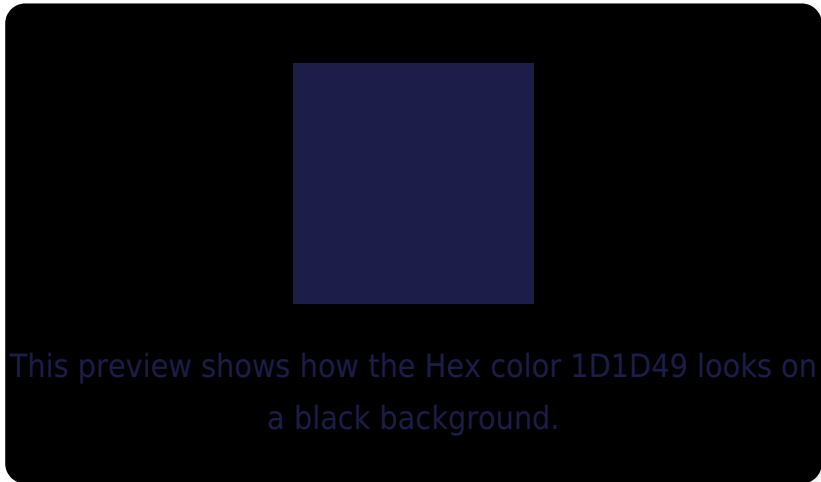
Large Text (above 18pt) WCAG AA ✓ Pass

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

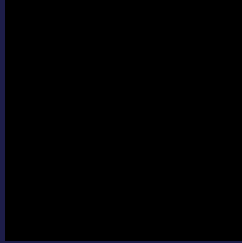
Any Text WCAG AA × Fail

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 1D1D49 Background



This preview shows how black text looks on a background with the Hex color 1D1D49.



This preview shows how white text looks on a background with the Hex color 1D1D49.

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
1D1D49

Protanopia
002147

Deuteranopia
00243D



Tritanopia
0E2629

Trichromacy



Original Color
1D1D49

Protanomaly
0B2048

Deuteranomaly
0B2141

Tritanomaly
132335

Monochromacy



Original Color
1D1D49

Achromatopsia
222222

Achromatomaly
202030

CSS Examples

Text

The CSS property to change the color of the text to Hex 1D1D49 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 #1D1D49 looks like.

```
.text, #text, p{  
    color:#1D1D49  
}
```

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 #1D1D49 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1D1D49
}
```

Border

The CSS property to change the border of an element to Hex 1D1D49 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
#1D1D49 }
```

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

```
.border{ border-color:#1D1D49 }
```

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

Here you see how a box with a 4 pixel #1D1D49 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1D1D49; -webkit-box-shadow:4px 4px  
4px 4px #1D1D49; box-shadow:4px 4px 4px  
4px #1D1D49 }
```

Background

The CSS property to change the background color of an element to Hex 1D1D49 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1D1D49 }
```

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

```
.background{ background-color:#1D1D49 }
```

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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