

Converting Colors

Hex(1D2949)

Have a look what the booklet for
Hex(1D2949) contains.

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Color

Hex(1D2949)

Conversions

Conversions Part 1

Format	Color
Hex	1D2949
RGB	29, 41, 73
RGB Percent	11%, 16%, 29%
CMY	0.8863, 0.8392, 0.7137
CMYK	0.60, 0.44, 0.00, 0.71
HSL	224°, 43%, 20%
HSV	224°, 60%, 29%
XYZ	2.5022, 2.3281, 6.6208
YIQ	41.0600, -17.4240, 7.4080

Conversions

Conversions Part 2

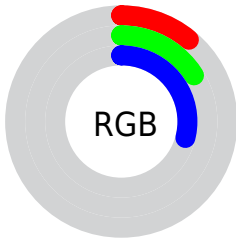
Format	Color
RYB	29, 38, 73
Decimal	1911113
CIELab	17.12, 5.97, -21.54
CIELCh	17, 22.351, 285.495
Yxy	2.3281, 0.2185, 0.2033
Android (android.graphics.Color)	4280101193 (0xFF1D2949)
YUV	41.0600, 15.7464, -10.5766
Hunter-Lab	15.2582, 2.5708, -15.0463

Details

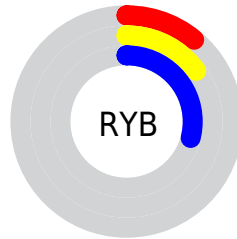
The Hex color **1D2949** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **493D1D**, and the grayscale version is **292929**.

A 20% lighter version of the original color is **4D567A**, and **00021D** is the 20% darker color. If you saturate the color by 10%, you get **162449**, and if you desaturate by 10%, it is **242E49**.

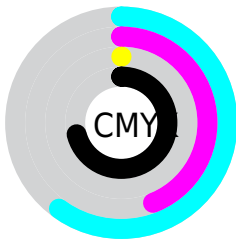
Distribution



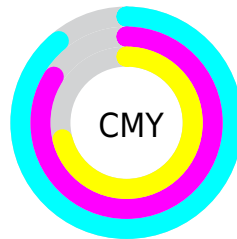
- Red (11%)
- Green (16%)
- Blue (29%)



- Red (11%)
- Yellow (15%)
- Blue (29%)



- Cyan (60%)
- Magenta (44%)
- Yellow (0%)
- Black (71%)



- Cyan (89%)
- Magenta (84%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1D2949 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 1D2949 by changing the saturation by 10% instead.

■ 1D2949

■ 1D2949

FFFFFF

■ 041532

■ 4D567A

■ 00021D

■ 666E94

■ 000000

■ 7F87AE

■ 9AA2CA

■ B5BDE6

■ D1D8FF

■ EDF5FF

■ 1D2949

■ 1D2949

■ 162449

■ 242E49

■ 0E1E49

■ 2C3449

■ 071949

■ 333949

■ 001449

■ 3A3E49

■ 424449

■ 494949

■ 504E49

■ 575349

■ 5F5949

Harmonies

Analogous

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



002E49



1D2949



362241

Triad

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



1D2949



442014



003222

Complementary

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



1D2949



493D1D

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.



193013



1D2949



3A2708

Square

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



1D2949



481C22



2B2C07



003232

Rectangle

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



1D2949



401F38



2B2C07



07311C

Sweetspot

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



1D2949



4D525E



1D493D



262930



B0B0B0



303030

Same Dimension

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



1D2949



1A2D5E



271D49



202124



001B63



003EE3

Inverse Universe

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



491D29



5E1A2D



3F491D



242021



63001B



E3003E

Previews

White Background



This preview shows how the Hex color 1D2949 looks on a white background.

Color Contrast Check

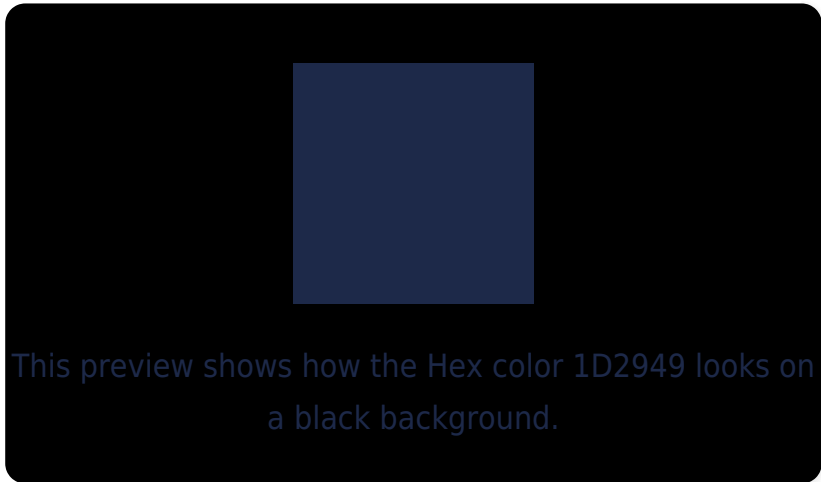
Large Text (above 18pt) WCAG AA ✓ Pass

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

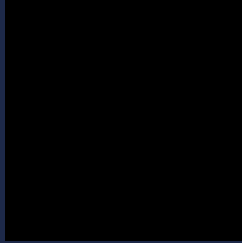
Any Text WCAG AA × Fail

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 1D2949 Background



This preview shows how black text looks on a background with the Hex color 1D2949.



This preview shows how white text looks on a background with the Hex color 1D2949.

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
1D2949

Protanopia
1C2949

Deuteranopia
132B49



Tritanopia
122E32

Trichromacy



Original Color

1D2949

Protanomaly

1C2949

Deuteranomaly

172A49

Tritanomaly

162C3A

Monochromacy



Original Color

1D2949

Achromatopsia

292929

Achromatomaly

252935

CSS Examples

Text

The CSS property to change the color of the text to Hex 1D2949 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 #1D2949 looks like.

```
.text, #text, p{  
    color:#1D2949  
}
```

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 #1D2949 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1D2949
}
```

Border

The CSS property to change the border of an element to Hex 1D2949 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
#1D2949 }
```

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

```
.border{ border-color:#1D2949 }
```

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

Here you see how a box with a 4 pixel #1D2949 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1D2949; -webkit-box-shadow:4px 4px  
4px 4px #1D2949; box-shadow:4px 4px 4px  
4px #1D2949 }
```

Background

The CSS property to change the background color of an element to Hex 1D2949 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1D2949 }
```

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

```
.background{ background-color:#1D2949 }
```

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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