

Converting Colors

Hex(1D2942)

Have a look what the booklet for
Hex(1D2942) contains.

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Color

Hex(1D2942)

Conversions

Conversions Part 1

Format	Color
Hex	1D2942
RGB	29, 41, 66
RGB Percent	11%, 16%, 26%
CMY	0.8863, 0.8392, 0.7412
CMYK	0.56, 0.38, 0.00, 0.74
HSL	221°, 39%, 19%
HSV	221°, 56%, 26%
XYZ	2.2830, 2.2404, 5.4664
YIQ	40.2620, -15.1770, 5.2310

Conversions

Conversions Part 2

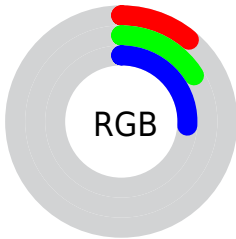
Format	Color
R _Y B	29, 38, 66
Decimal	1911106
CIE Lab	16.70, 3.31, -17.40
CIE LCh	17, 17.711, 280.769
Yxy	2.2404, 0.2285, 0.2243
Android (android.graphics.Color)	4280101186 (0xFF1D2942)
YUV	40.2620, 12.6888, -9.8768
Hunter-Lab	14.9681, 1.0315, -11.1752

Details

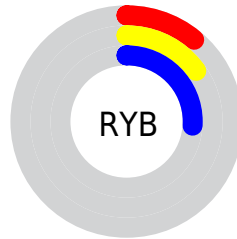
The Hex color **1D2942** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **42361D**, and the grayscale version is **282828**.

A 20% lighter version of the original color is **4C5672**, and **000117** is the 20% darker color. If you saturate the color by 10%, you get **162542**, and if you desaturate by 10%, it is **242D42**.

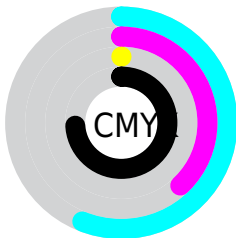
Distribution



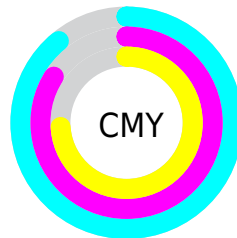
- Red (11%)
- Green (16%)
- Blue (26%)



- Red (11%)
- Yellow (15%)
- Blue (26%)



- Cyan (56%)
- Magenta (38%)
- Yellow (0%)
- Black (74%)



- Cyan (89%)
- Magenta (84%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1D2942 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 1D2942 by changing the saturation by 10% instead.

■ 1D2942

■ 1D2942

FFFFFF

■ 06152C

■ 4C5672

■ 000117

■ 646E8C

■ 000000

■ 7D88A6

■ 98A2C1

■ B3BDDD

■ CED8FA

■ EBF5FF

■ 1D2942

■ 1D2942

■ 162542

■ 242D42

■ 102042

■ 2A3242

■ 091C42

■ 313642

■ 031742

■ 373B42

■ 001542

■ 3E3F42

■ 454442

■ 4B4842

■ 524D42

■ 585142

Harmonies

Analogous

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



002D41



1D2942



30243C

Triad

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



1D2942



3F2119



0D2F20

Complementary

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



1D2942



42361D

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.



1F2D16



1D2942



382611

Square

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



1D2942



411F25



2D2A0F



00302E

Rectangle

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



1D2942



392136



2D2A0F



142F1C

Sweetspot

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



1D2942



484D57



1D4236



23252B



ABABAB



2B2B2B

Same Dimension

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



1D2942



1D2F57



231D42



1E1F21



001F61



0049E0

Inverse Universe

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



421D29



571D2F



3C421D



211E1F



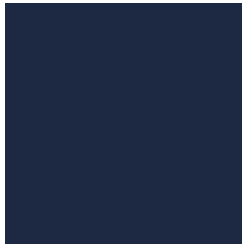
61001F



E00049

Previews

White Background



This preview shows how the Hex color 1D2942 looks on a white background.

Color Contrast Check

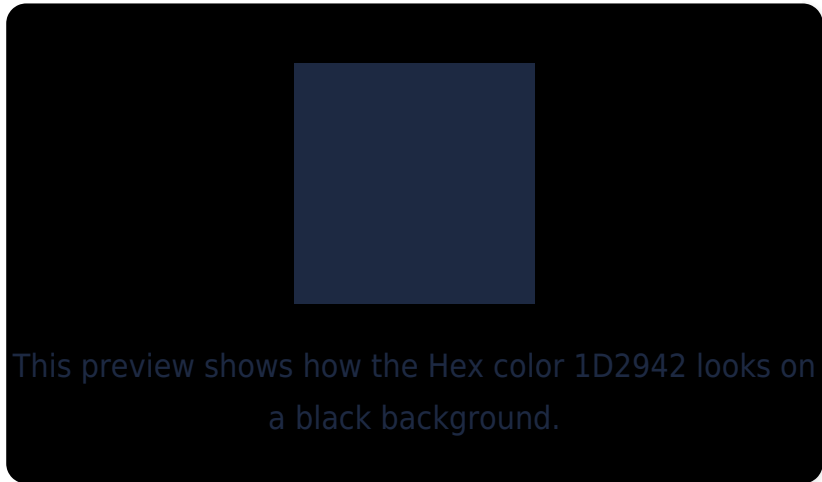
Large Text (above 18pt) WCAG AA ✓ Pass

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

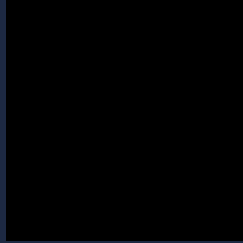
Any Text WCAG AA × Fail

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 1D2942 Background



This preview shows how black text looks on a background with the Hex color 1D2942.



This preview shows how white text looks on a background with the Hex color 1D2942.

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
1D2942

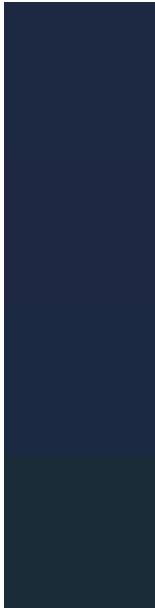
Protanopia
202842

Deuteranopia
1B2942



Tritanopia
162D30

Trichromacy



Original Color
1D2942

Protanomaly
1F2842

Deuteranomaly
1C2942

Tritanomaly
192C37

Monochromacy



Original Color
1D2942

Achromatopsia
282828

Achromatomaly
242831

CSS Examples

Text

The CSS property to change the color of the text to Hex 1D2942 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 #1D2942 looks like.

```
.text, #text, p{  
    color:#1D2942  
}
```

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 #1D2942 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1D2942
}
```

Border

The CSS property to change the border of an element to Hex 1D2942 is called "border". The border property can be set on classes, ids or directly on the HTML element.

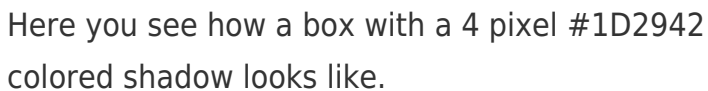
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#1D2942 }
```

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

```
.border{ border-color:#1D2942 }
```

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



Here you see how a box with a 4 pixel #1D2942 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1D2942; -webkit-box-shadow:4px 4px  
4px 4px #1D2942; box-shadow:4px 4px 4px  
4px #1D2942 }
```

Background

The CSS property to change the background color of an element to Hex 1D2942 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1D2942 }
```

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

```
.background{ background-color:#1D2942 }
```

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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