

Converting Colors

Hex(1D2F42)

Have a look what the booklet for
Hex(1D2F42) contains.

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Color

Hex(1D2F42)

Conversions

Conversions Part 1

Format	Color
Hex	1D2F42
RGB	29, 47, 66
RGB Percent	11%, 18%, 26%
CMY	0.8863, 0.8157, 0.7412
CMYK	0.56, 0.29, 0.00, 0.74
HSL	211°, 39%, 19%
HSV	211°, 56%, 26%
XYZ	2.5066, 2.6876, 5.5409
YIQ	43.7840, -16.8270, 2.0930

Conversions

Conversions Part 2

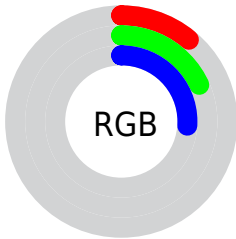
Format	Color
R_{YB}	29, 41, 66
Decimal	1912642
CIE Lab	18.75, -0.94, -14.21
CIE LCh	19, 14.238, 266.207
Yxy	2.6876, 0.2335, 0.2504
Android (android.graphics.Color)	4280102722 (0xFF1D2F42)
YUV	43.7840, 10.9525, -12.9656
Hunter-Lab	16.3939, -1.3971, -8.5635

Details

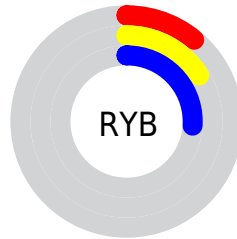
The Hex color **1D2F42** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **42301D**, and the grayscale version is **2C2C2C**.

A 20% lighter version of the original color is **4C5D72**, and **000118** is the 20% darker color. If you saturate the color by 10%, you get **162C42**, and if you desaturate by 10%, it is **243242**.

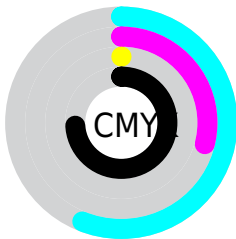
Distribution



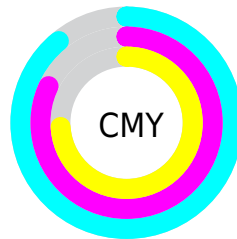
- Red (11%)
- Green (18%)
- Blue (26%)



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



- Cyan (56%)
- Magenta (29%)
- Yellow (0%)
- Black (74%)



- Cyan (89%)
- Magenta (82%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1D2F42 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 1D2F42 by changing the saturation by 10% instead.

■ 1D2F42

■ 1D2F42

FFFFFF

■ 061A2C

■ 4C5D72

■ 000118

■ 64758C

■ 000000

■ 7D8FA6

■ 98A9C1

■ B3C5DD

■ CEE0FA

■ EBFDFE

■ 1D2F42

■ 1D2F42

■ 162C42

■ 243242

■ 102842

■ 2A3642

■ 092542

■ 313942

■ 032142

■ 373D42

■ 002042

■ 3E4042

■ 454342

■ 4B4742

■ 524A42

■ 584E42

Harmonies

Analogous

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



0D323E



1D2F42



2D2B40

Triad

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



1D2F42



422625



1F3222

Complementary

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



1D2F42



42301D

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.



2B301B



1D2F42



3E291D

Square

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



1D2F42



40262F



362D19



12332C

Rectangle

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



1D2F42



36293C



362D19



23311F

Sweetspot

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



1D2F42



484F57



1D4230



23272B



ABABAB



2B2B2B

Same Dimension

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



1D2F42



1D3957



1D1D42



1E1F21



002F61



006DE0

Inverse Universe

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



421D2F



571D39



42421D



211E1F



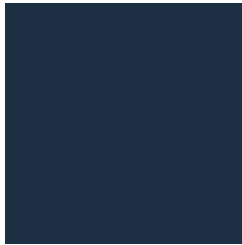
61002F



E0006D

Previews

White Background



This preview shows how the Hex color 1D2F42 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

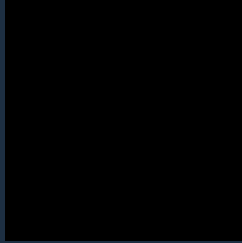
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

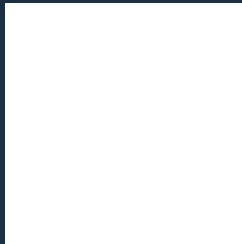
Any Text WCAG AAA × Fail

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

Hex 1D2F42 Background



This preview shows how black text looks on a background with the Hex color 1D2F42.



This preview shows how white text looks on a background with the Hex color 1D2F42.

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

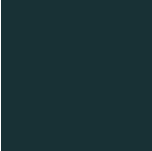
1D2F42

Protanopia

282D40

Deuteranopia

252D42



Tritanopia
183135

Trichromacy



Original Color
1D2F42

Protanomaly
242E41

Deuteranomaly
222E42

Tritanomaly
1A303A

Monochromacy



Original Color
1D2F42

Achromatopsia
2C2C2C

Achromatomaly
272D34

CSS Examples

Text

The CSS property to change the color of the text to Hex 1D2F42 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 #1D2F42 looks like.

```
.text, #text, p{  
    color:#1D2F42  
}
```

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 #1D2F42 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1D2F42
}
```

Border

The CSS property to change the border of an element to Hex 1D2F42 is called "border". The border property can be set on classes, ids or directly on the HTML element.

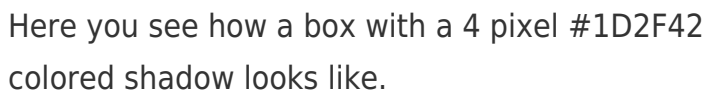
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#1D2F42 }
```

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

```
.border{ border-color:#1D2F42 }
```

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



Here you see how a box with a 4 pixel #1D2F42 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1D2F42; -webkit-box-shadow:4px 4px  
4px 4px #1D2F42; box-shadow:4px 4px 4px  
4px #1D2F42 }
```

Background

The CSS property to change the background color of an element to Hex 1D2F42 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1D2F42 }
```

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

```
.background{ background-color:#1D2F42 }
```

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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