

Converting Colors

Hex(1D2D40)

Have a look what the booklet for
Hex(1D2D40) contains.

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Color

Hex(1D2D40)

Conversions

Conversions Part 1

Format	Color
Hex	1D2D40
RGB	29, 45, 64
RGB Percent	11%, 18%, 25%
CMY	0.8863, 0.8235, 0.7490
CMYK	0.55, 0.30, 0.00, 0.75
HSL	213°, 38%, 18%
HSV	213°, 55%, 25%
XYZ	2.3705, 2.5081, 5.2097
YIQ	42.3820, -15.6350, 2.5170

Conversions

Conversions Part 2

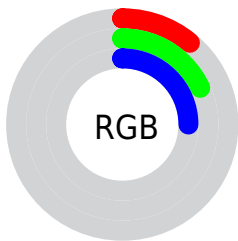
Format	Color
R_{YB}	29, 40, 64
Decimal	1912128
CIE Lab	17.96, -0.28, -14.06
CIE LCh	18, 14.066, 268.879
Yxy	2.5081, 0.2350, 0.2486
Android (android.graphics.Color)	4280102208 (0xFF1D2D40)
YUV	42.3820, 10.6577, -11.7360
Hunter-Lab	15.8371, -0.9972, -8.4176

Details

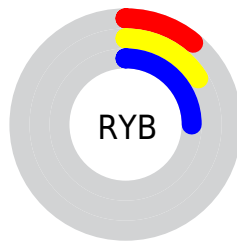
The Hex color **1D2D40** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **40301D**, and the grayscale version is **2A2A2A**.

A 20% lighter version of the original color is **4B5A70**, and **000116** is the 20% darker color. If you saturate the color by 10%, you get **172A40**, and if you desaturate by 10%, it is **233040**.

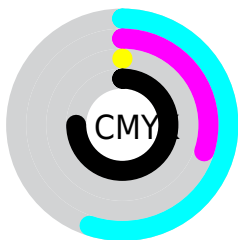
Distribution



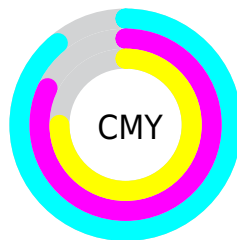
- Red (11%)
- Green (18%)
- Blue (25%)



- Red (11%)
- Yellow (16%)
- Blue (25%)



- Cyan (55%)
- Magenta (30%)
- Yellow (0%)
- Black (75%)



- Cyan (89%)
- Magenta (82%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1D2D40 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 1D2D40 by changing the saturation by 10% instead.

■ 1D2D40

■ 1D2D40

FFFFFF

■ 06192A

■ 4B5A70

■ 000116

■ 647389

■ 000000

■ 7D8CA4

■ 97A7BF

■ B2C2DA

■ CEDEF7

■ EAFAFF

■ 1D2D40

■ 1D2D40

■ 172A40

■ 233040

■ 102640

■ 2A3440

■ 0A2340

■ 303740

■ 031F40

■ 373B40

■ 001D40

■ 3D3E40

■ 434240

■ 4A4540

■ 504940

■ 574C40

Harmonies

Analogous

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



0D303D



1D2D40



2D293E

Triad

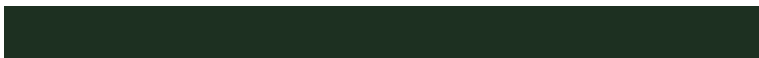
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



1D2D40



3F2523



1D3021

Complementary

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



1D2D40



40301D

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.



292E1A



1D2D40



3B281B

Square

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



1D2D40



3F242D



332B18



10312B

Rectangle

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



1D2D40



352739



332B18



21301E

Sweetspot

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



1D2D40



474D54



1D4030



23272B



ABABAB



2B2B2B

Same Dimension

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



1D2D40



1D3654



1E1D40



1E1F21



002C61



0067E0

Inverse Universe

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



401D2D



541D36



3F401D



211E1F



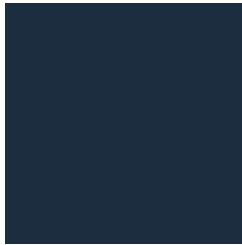
61002C



E00067

Previews

White Background



This preview shows how the Hex color 1D2D40 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

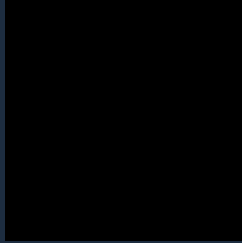
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

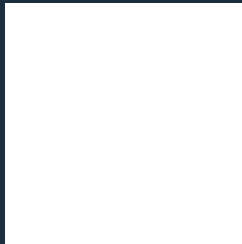
Any Text WCAG AAA × Fail

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

Hex 1D2D40 Background



This preview shows how black text looks on a background with the Hex color 1D2D40.

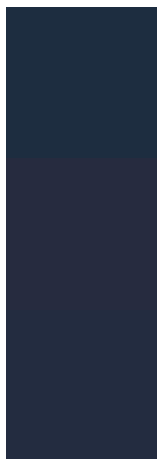


This preview shows how white text looks on a background with the Hex color 1D2D40.

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

1D2D40

Protanopia

262B3F

Deuteranopia

232C40



Tritanopia
182F33

Trichromacy



Original Color

1D2D40

Protanomaly

232C3F

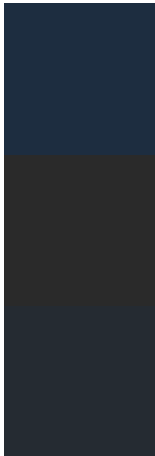
Deuteranomaly

212C40

Tritanomaly

1A2E38

Monochromacy



Original Color

1D2D40

Achromatopsia

2A2A2A

Achromatomaly

252B32

CSS Examples

Text

The CSS property to change the color of the text to Hex 1D2D40 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 #1D2D40 looks like.

```
.text, #text, p{  
    color:#1D2D40  
}
```

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 #1D2D40 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1D2D40
}
```

Border

The CSS property to change the border of an element to Hex 1D2D40 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
#1D2D40 }
```

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

```
.border{ border-color:#1D2D40 }
```

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

Here you see how a box with a 4 pixel #1D2D40 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1D2D40; -webkit-box-shadow:4px 4px  
4px 4px #1D2D40; box-shadow:4px 4px 4px  
4px #1D2D40 }
```

Background

The CSS property to change the background color of an element to Hex 1D2D40 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1D2D40 }
```

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

```
.background{ background-color:#1D2D40 }
```

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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