

Converting Colors

Hex(1E2E42)

Have a look what the booklet for
Hex(1E2E42) contains.

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Color

Hex(1E2E42)

Conversions

Conversions Part 1

Format	Color
Hex	1E2E42
RGB	30, 46, 66
RGB Percent	12%, 18%, 26%
CMY	0.8824, 0.8196, 0.7412
CMYK	0.55, 0.30, 0.00, 0.74
HSL	213°, 38%, 19%
HSV	213°, 55%, 26%
XYZ	2.4958, 2.6234, 5.5291
YIQ	43.4960, -15.9560, 2.8280

Conversions

Conversions Part 2

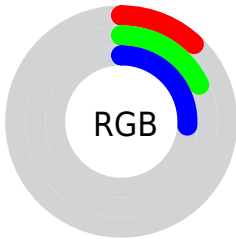
Format	Color
RYB	30, 41, 66
Decimal	1977922
CIELab	18.47, 0.05, -14.63
CIELCh	18, 14.635, 270.184
Yxy	2.6234, 0.2344, 0.2464
Android (android.graphics.Color)	4280168002 (0xFF1E2E42)
YUV	43.4960, 11.0945, -11.8360
Hunter-Lab	16.1968, -0.8391, -8.9020




Details

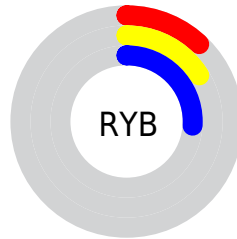
The Hex color **1E2E42** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **42321E**, and the grayscale version is **2B2B2B**.




A 20% lighter version of the original color is **4C5C72**, and **000118** is the 20% darker color. If you saturate the color by 10%, you get **172A42**, and if you desaturate by 10%, it is **253242**.

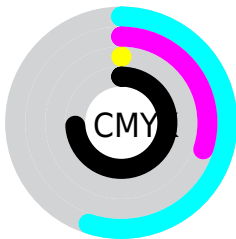
Distribution







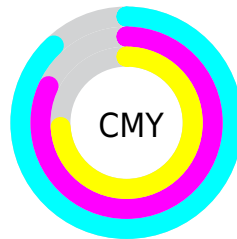
-  Red (12%)
-  Green (18%)
-  Blue (26%)






-  Red (12%)
-  Yellow (16%)
-  Blue (26%)



-  Cyan (55%)
-  Magenta (30%)
-  Yellow (0%)
-  Black (74%)



-  Cyan (88%)
-  Magenta (82%)
-  Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1E2E42 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 1E2E42 by changing the saturation by 10% instead.

■ 1E2E42

■ 1E2E42

FFFFFF

■ 07192C

■ 4C5C72

■ 000118

■ 65748C

■ 000000

■ 7E8EA6

■ 99A8C1

■ B4C3DD

■ CFDFFA

■ ECFCHF

■ 1E2E42

■ 1E2E42

■ 172A42

■ 253242

■ 112742

■ 2B3542

■ 0A2342

■ 323942

■ 041F42

■ 383D42

■ 001D42

■ 3F4042

■ 464442

■ 4C4842

■ 534B42

■ 594F42

Harmonies

Analogous

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



0C313F



1E2E42



2E2A3F

Triad

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



1E2E42



412623



1C3222

Complementary

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



1E2E42



42321E

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.



29301A



1E2E42



3D291B

Square

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



1E2E42



41252D



342C18



0F332D

Rectangle

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



1E2E42



37283B



342C18



21311F

Sweetspot

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



1E2E42



494F57



1E4232



23272B



ABABAB



2B2B2B

Same Dimension

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



1E2E42



1E3757



201E42



1E1F21



002B61



0064E0

Inverse Universe

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



421E2E



571E37



40421E



211E1F



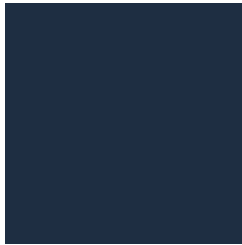
61002B



E00064

Previews

White Background



This preview shows how the Hex color 1E2E42 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

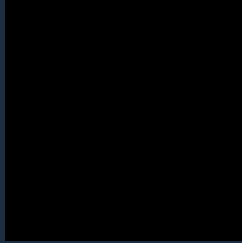
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

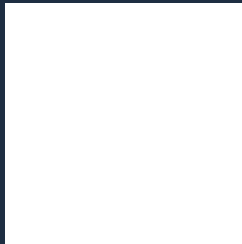
Any Text WCAG AAA × Fail

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

Hex 1E2E42 Background



This preview shows how black text looks on a background with the Hex color 1E2E42.



This preview shows how white text looks on a background with the Hex color 1E2E42.

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](#).

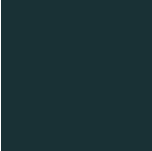
Dichromacy



Original Color
1E2E42

Protanopia
262C41

Deuteranopia
242D42



Tritanopia
193135

Trichromacy



Original Color

1E2E42

Protanomaly

232D41

Deuteranomaly

222D42

Tritanomaly

1B303A

Monochromacy



Original Color

1E2E42

Achromatopsia

2B2B2B

Achromatomaly

262C33

CSS Examples

Text

The CSS property to change the color of the text to Hex 1E2E42 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 #1E2E42 looks like.

```
.text, #text, p{  
    color:#1E2E42  
}
```

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 #1E2E42 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1E2E42
}
```

Border

The CSS property to change the border of an element to Hex 1E2E42 is called "border". The border property can be set on classes, ids or directly on the HTML element.

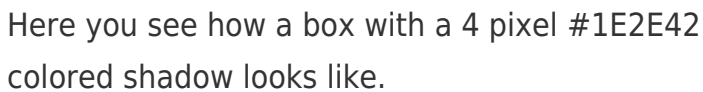
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#1E2E42 }
```

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

```
.border{ border-color:#1E2E42 }
```

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



Here you see how a box with a 4 pixel #1E2E42 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1E2E42; -webkit-box-shadow:4px 4px  
4px 4px #1E2E42; box-shadow:4px 4px 4px  
4px #1E2E42 }
```

Background

The CSS property to change the background color of an element to Hex 1E2E42 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1E2E42 }
```

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

```
.background{ background-color:#1E2E42 }
```

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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