

Converting Colors

Hex(1E3342)

Have a look what the booklet for
Hex(1E3342) contains.

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Color

Hex(1E3342)

Conversions

Conversions Part 1

Format	Color
Hex	1E3342
RGB	30, 51, 66
RGB Percent	12%, 20%, 26%
CMY	0.8824, 0.8000, 0.7412
CMYK	0.55, 0.23, 0.00, 0.74
HSL	205°, 38%, 19%
HSV	205°, 55%, 26%
XYZ	2.7026, 3.0370, 5.5980
YIQ	46.4310, -17.3310, 0.2130

Conversions

Conversions Part 2

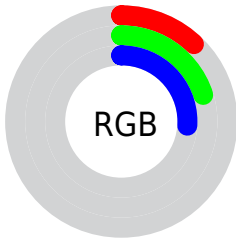
Format	Color
R_{YB}	30, 43, 66
Decimal	1979202
CIE _{Lab}	20.19, -3.39, -11.97
CIE _{LCh}	20, 12.439, 254.198
Yxy	3.0370, 0.2384, 0.2679
Android (android.graphics.Color)	4280169282 (0xFF1E3342)
YUV	46.4310, 9.6475, -14.4100
Hunter-Lab	17.4270, -2.8153, -6.8465

Details

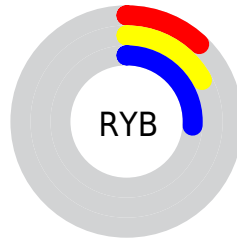
The Hex color **1E3342** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **422D1E**, and the grayscale version is **2E2E2E**.

A 20% lighter version of the original color is **4D6172**, and **000218** is the 20% darker color. If you saturate the color by 10%, you get **173042**, and if you desaturate by 10%, it is **253642**.

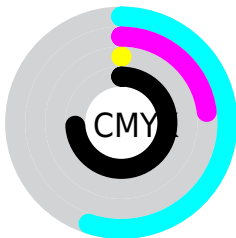
Distribution



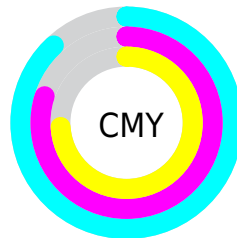
- Red (12%)
- Green (20%)
- Blue (26%)



- Red (12%)
- Yellow (17%)
- Blue (26%)



- Cyan (55%)
- Magenta (23%)
- Yellow (0%)
- Black (74%)



- Cyan (88%)
- Magenta (80%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1E3342 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 1E3342 by changing the saturation by 10% instead.

■ 1E3342

■ 1E3342

FFFFFF

■ 071E2C

■ 4D6172

■ 000218

■ 657A8B

■ 000000

■ 7F94A6

■ 99AEC1

■ B4CADD

■ D0E6F9

■ ECFE99

■ 1E3342

■ 1E3342

■ 173042

■ 253642

■ 112E42

■ 2B3942

■ 0A2B42

■ 323B42

■ 042842

■ 383E42

■ 002742

■ 3F4142

■ 464442

■ 4C4642

■ 534942

■ 594C42

Harmonies

Analogous

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



15353D



1E3342



2B3042

Triad

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



1E3342



432A2D



293423

Complementary

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



1E3342



422D1E

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.



33321F



1E3342



412C24

Square

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



1E3342



402B36



3B2E1F



1E352B

Rectangle

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



1E3342



342E40



3B2E1F



2C3321

Sweetspot

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



1E3342



495157



1E422D



23282B



ABABAB



2B2B2B

Same Dimension

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



1E3342



1E3F57



1E2142



1E2021



003961



0083E0

Inverse Universe

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



421E33



571E3F



423F1E



211E20



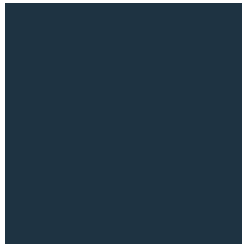
610039



E00083

Previews

White Background



This preview shows how the Hex color 1E3342 looks on a white background.

Color Contrast Check

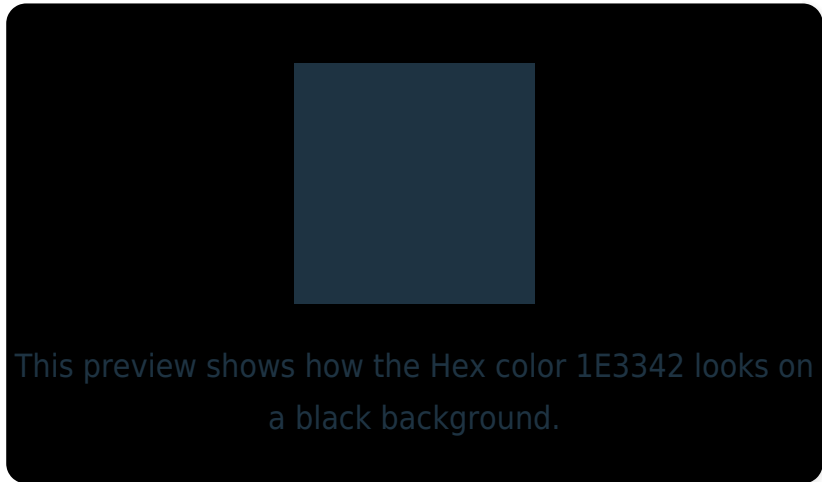
Large Text (above 18pt) WCAG AA ✓ Pass

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

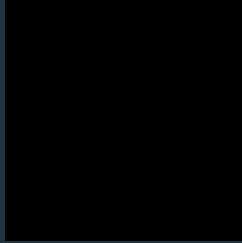
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

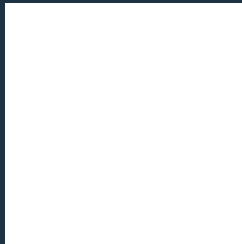
Any Text WCAG AAA × Fail

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

Hex 1E3342 Background



This preview shows how black text looks on a background with the Hex color 1E3342.



This preview shows how white text looks on a background with the Hex color 1E3342.

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

1E3342

Protanopia

2C3040

Deuteranopia

2B3043



Tritanopia
1B3539

Trichromacy



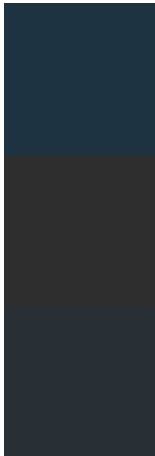
Original Color
1E3342

Protanomaly
273141

Deuteranomaly
263143

Tritanomaly
1C343C

Monochromacy



Original Color
1E3342

Achromatopsia
2E2E2E

Achromatomaly
283035

CSS Examples

Text

The CSS property to change the color of the text to Hex 1E3342 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 #1E3342 looks like.

```
.text, #text, p{  
    color:#1E3342  
}
```

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 #1E3342 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1E3342
}
```

Border

The CSS property to change the border of an element to Hex 1E3342 is called "border". The border property can be set on classes, ids or directly on the HTML element.

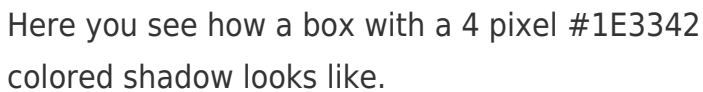
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#1E3342 }
```

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

```
.border{ border-color:#1E3342 }
```

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



Here you see how a box with a 4 pixel #1E3342 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1E3342; -webkit-box-shadow:4px 4px  
4px 4px #1E3342; box-shadow:4px 4px 4px  
4px #1E3342 }
```

Background

The CSS property to change the background color of an element to Hex 1E3342 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1E3342 }
```

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

```
.background{ background-color:#1E3342 }
```

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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