

Converting Colors

Hex(1E2832)

Have a look what the booklet for
Hex(1E2832) contains.

Hex(1E2832)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(1E2832)

Conversions

Conversions Part 1

Format	Color
Hex	1E2832
RGB	30, 40, 50
RGB Percent	12%, 16%, 20%
CMY	0.8824, 0.8431, 0.8039
CMYK	0.40, 0.20, 0.00, 0.80
HSL	210°, 25%, 16%
HSV	210°, 40%, 20%
XYZ	1.8699, 2.0239, 3.3097
YIQ	38.1500, -9.1700, 0.9900

Conversions

Conversions Part 2

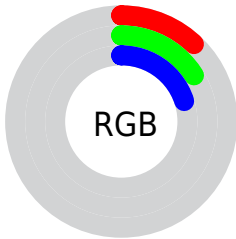
Format	Color
RYB	30, 37, 50
Decimal	1976370
CIELab	15.61, -1.28, -7.91
CIElCh	16, 8.017, 260.811
Yxy	2.0239, 0.2596, 0.2810
Android (android.graphics.Color)	4280166450 (0xFF1E2832)
YUV	38.1500, 5.8421, -7.1475
Hunter-Lab	14.2264, -1.4338, -3.8351

Details

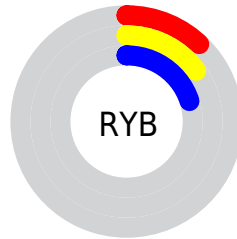
The Hex color **1E2832** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **32281E**, and the grayscale version is **262626**.

A 20% lighter version of the original color is **4B5560**, and **000001** is the 20% darker color. If you saturate the color by 10%, you get **192632**, and if you desaturate by 10%, it is **232B32**.

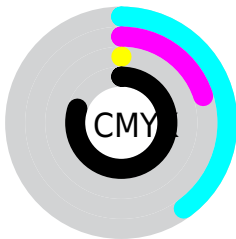
Distribution



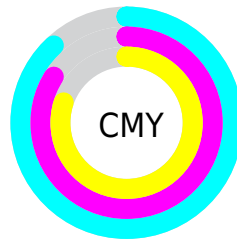
- Red (12%)
- Green (16%)
- Blue (20%)



- Red (12%)
- Yellow (15%)
- Blue (20%)



- Cyan (40%)
- Magenta (20%)
- Yellow (0%)
- Black (80%)



- Cyan (88%)
- Magenta (84%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1E2832 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 1E2832 by changing the saturation by 10% instead.

■ 1E2832

■ 1E2832

FFFFFF

■ 08141D

■ 4B5560

■ 000001

■ 636D79

■ 000000

■ 7C8693

■ 96A1AD

■ B0BCC9

■ CCD7E5

■ E8F4FF

■ 1E2832

■ 1E2832

■ 192632

■ 232B32

■ 142332

■ 282D32

■ 0F2132

■ 2D3032

■ 0A1E32

■ 323232

■ 051C32

■ 373532

■ 001932

■ 3C3732

■ 413A32

■ 463C32

■ 4B3F32

Harmonies

Analogous

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



182930



1E2832



262631

Triad

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



1E2832



332323



212920

Complementary

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



1E2832



32281E

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.



27281C



1E2832



31241E

Square

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



1E2832



312329



2D261C



1B2A25

Rectangle

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



1E2832



2A2530



2D261C



23291E

Sweetspot

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



1E2832



383C40



1E3228



1D1F21



A1A1A1



212121

Same Dimension

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



1E2832



213040



1E1E32



17181A



002D59



006CD9

Inverse Universe

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



321E28



402130



32321E



1A1718



59002D



D9006C

Previews

White Background



This preview shows how the Hex color 1E2832 looks on a white background.

Color Contrast Check

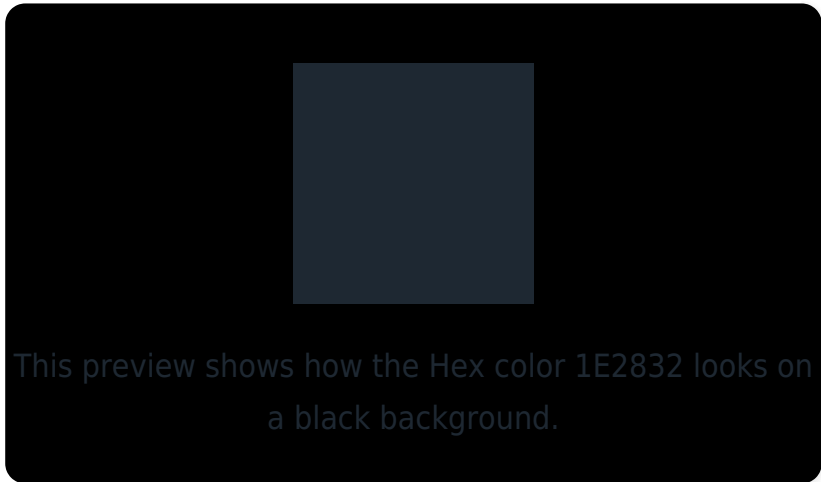
Large Text (above 18pt) WCAG AA ✓ Pass

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

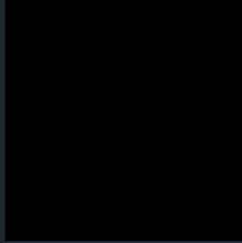
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

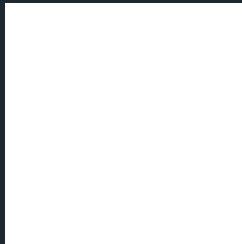
Any Text WCAG AAA × Fail

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

Hex 1E2832 Background



This preview shows how black text looks on a background with the Hex color 1E2832.

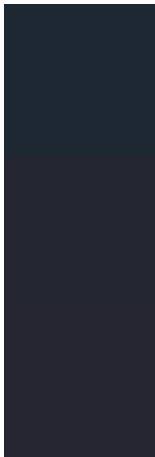


This preview shows how white text looks on a background with the Hex color 1E2832.

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
1E2832

Protanopia
242731

Deuteranopia
252632



Tritanopia
1D292C

Trichromacy



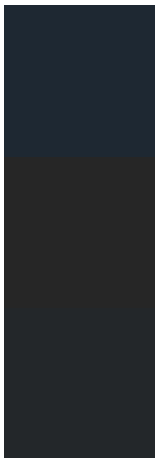
Original Color
1E2832

Protanomaly
222731

Deuteranomaly
222732

Tritanomaly
1D292E

Monochromacy



Original Color
1E2832

Achromatopsia
262626

Achromatomaly
23272A

CSS Examples

Text

The CSS property to change the color of the text to Hex 1E2832 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 #1E2832 looks like.

```
.text, #text, p{  
    color:#1E2832  
}
```

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 #1E2832 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1E2832
}
```

Border

The CSS property to change the border of an element to Hex 1E2832 is called "border". The border property can be set on classes, ids or directly on the HTML element.

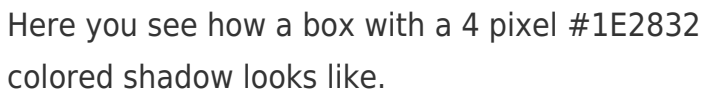
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#1E2832 }
```

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

```
.border{ border-color:#1E2832 }
```

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



Here you see how a box with a 4 pixel #1E2832 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1E2832; -webkit-box-shadow:4px 4px  
4px 4px #1E2832; box-shadow:4px 4px 4px  
4px #1E2832 }
```

Background

The CSS property to change the background color of an element to Hex 1E2832 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1E2832 }
```

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

```
.background{ background-color:#1E2832 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor