

# Converting Colors

Hex(1E3240)

Have a look what the booklet for  
Hex(1E3240) contains.

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# Color

Hex(1E3240)

# Conversions

## Conversions Part 1

Format	Color
Hex	1E3240
RGB	30, 50, 64
RGB Percent	12%, 20%, 25%
CMY	0.8824, 0.8039, 0.7490
CMYK	0.53, 0.22, 0.00, 0.75
HSL	205°, 36%, 18%
HSV	205°, 53%, 25%
XYZ	2.6014, 2.9274, 5.2784
YIQ	45.6160, -16.4140, 0.1140

# Conversions

## Conversions Part 2

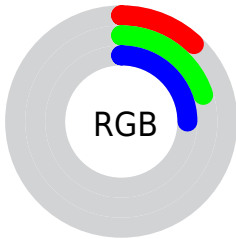
Format	Color
<a href="#">RYB</a>	30, 43, 64
Decimal	1978944
CIELab	19.75, -3.42, -11.29
CIELCh	20, 11.792, 253.161
Yxy	2.9274, 0.2407, 0.2709
Android (android.graphics.Color)	4280169024 (0xFF1E3240)
YUV	45.6160, 9.0633, -13.6952
Hunter-Lab	17.1096, -2.8017, -6.3146

# Details

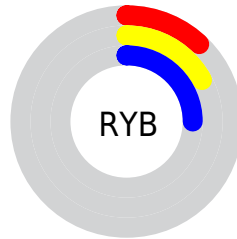
The Hex color **1E3240** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **402C1E**, and the grayscale version is **2E2E2E**.

A 20% lighter version of the original color is **4C6070**, and **000116** is the 20% darker color. If you saturate the color by 10%, you get **182F40**, and if you desaturate by 10%, it is **243540**.

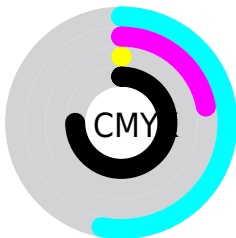
# Distribution



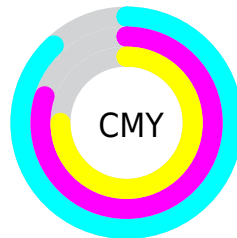
- Red (12%)
- Green (20%)
- Blue (25%)



- Red (12%)
- Yellow (17%)
- Blue (25%)



- Cyan (53%)
- Magenta (22%)
- Yellow (0%)
- Black (75%)



- Cyan (88%)
- Magenta (80%)
- Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1E3240 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 1E3240 by changing the saturation by 10% instead.



■ 1E3240

■ 1E3240

FFFFFF

■ 071D2A

■ 4C6070

■ 000116

■ 657989

■ 000000

■ 7E93A3

■ 98ADBf

■ B3C8DA

■ CFE5F7

■ EBFFFF

■ 1E3240

■ 1E3240

■ 182F40

■ 243540

■ 112D40

■ 2B3740

■ 0B2A40

■ 313A40

■ 042740

■ 383D40

■ 002640

■ 3E3F40

■ 444240

■ 4B4440

■ 514740

■ 584A40

# Harmonies

## Analogous

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



16343B



1E3240



2A2F40

# Triad

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



1E3240



41292C



283323

# Complementary

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



1E3240



402C1E

# 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.



32301F



1E3240



402B24

# Square

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



1E3240



3E2A35



3A2E1F



1F342B

# Rectangle

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



1E3240



322D3E



3A2E1F



2C3221



# Sweetspot

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



1E3240



474F54



1E402C



23282B



ABABAB



2B2B2B



# Same Dimension

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



1E3240



1E3E54



1E2140



1E2021



003961



0084E0



# Inverse Universe

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



401E32



541E3E



403D1E



211E20



610039

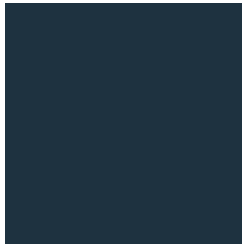


E00084



# Previews

## White Background



This preview shows how the Hex color 1E3240 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

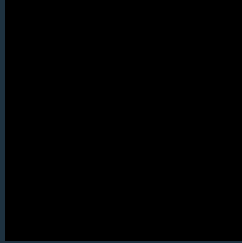
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

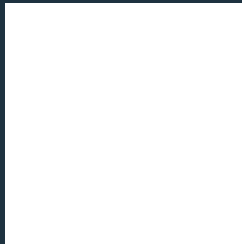
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 1E3240 Background



This preview shows how black text looks on a background with the Hex color 1E3240.



This preview shows how white text looks on a background with the Hex color 1E3240.

# 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](#).

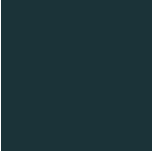
## Dichromacy



**Original Color**  
1E3240

**Protanopia**  
2C2F3E

**Deuteranopia**  
2B2F41



**Tritanopia**  
1B3338

# Trichromacy



**Original Color**  
1E3240

**Protanomaly**  
27303F

**Deuteranomaly**  
263041

**Tritanomaly**  
1C333B

# Monochromacy



**Original Color**  
1E3240

**Achromatopsia**  
2E2E2E

**Achromatomaly**  
282F35

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1E3240 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 #1E3240 looks like.

```
.text, #text, p{  
    color:#1E3240  
}
```

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 #1E3240 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1E3240
}
```

## Border

The CSS property to change the border of an element to Hex 1E3240 is called "border". The border property can be set on classes, ids or directly on the HTML element.

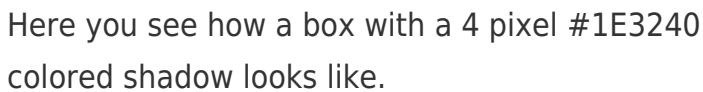
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#1E3240 }
```

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

```
.border{ border-color:#1E3240 }
```

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



Here you see how a box with a 4 pixel #1E3240 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1E3240; -webkit-box-shadow:4px 4px  
4px 4px #1E3240; box-shadow:4px 4px 4px  
4px #1E3240 }
```

# Background

The CSS property to change the background color of an element to Hex 1E3240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1E3240 }
```

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

```
.background{ background-color:#1E3240 }
```

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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