

Converting Colors

Hex(1E2740)

Have a look what the booklet for
Hex(1E2740) contains.

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Color

Hex(1E2740)

Conversions

Conversions Part 1

Format	Color
Hex	1E2740
RGB	30, 39, 64
RGB Percent	12%, 15%, 25%
CMY	0.8824, 0.8471, 0.7490
CMYK	0.53, 0.39, 0.00, 0.75
HSL	224°, 36%, 18%
HSV	224°, 53%, 25%
XYZ	2.1864, 2.0972, 5.1401
YIQ	39.1590, -13.3890, 5.8670

Conversions

Conversions Part 2

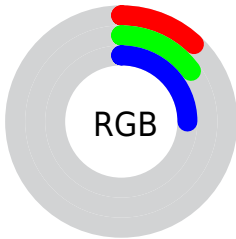
Format	Color
RYB	30, 37, 64
Decimal	1976128
CIELab	15.99, 4.31, -17.13
CIELCh	16, 17.663, 284.136
Yxy	2.0972, 0.2320, 0.2225
Android (android.graphics.Color)	4280166208 (0xFF1E2740)
YUV	39.1590, 12.2466, -8.0324
Hunter-Lab	14.4818, 1.6055, -10.9067

Details

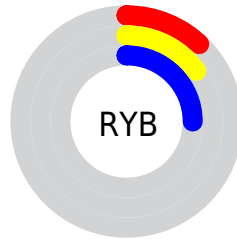
The Hex color **1E2740** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **40371E**, and the grayscale version is **272727**.

A 20% lighter version of the original color is **4C5470**, and **000115** is the 20% darker color. If you saturate the color by 10%, you get **182240**, and if you desaturate by 10%, it is **242C40**.

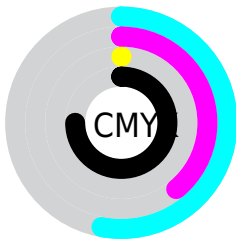
Distribution



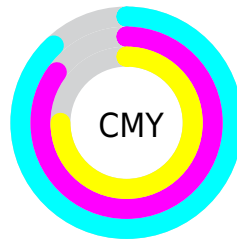
- Red (12%)
- Green (15%)
- Blue (25%)



- Red (12%)
- Yellow (15%)
- Blue (25%)



- Cyan (53%)
- Magenta (39%)
- Yellow (0%)
- Black (75%)



- Cyan (88%)
- Magenta (85%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1E2740 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 1E2740 by changing the saturation by 10% instead.

■ 1E2740

■ 1E2740

FFFFFF

■ 08122A

■ 4C5470

■ 000115

■ 656C89

■ 000000

■ 7E85A4

■ 989FBF

■ B3BADB

■ CFD6F7

■ EBF2FF

■ 1E2740

■ 1E2740

■ 182240

■ 242C40

■ 111E40

■ 2B3040

■ 0B1940

■ 313540

■ 041440

■ 383A40

■ 001140

■ 3E3F40

■ 444340

■ 4B4840

■ 514D40

■ 585140

Harmonies

Analogous

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



012B40



1E2740



30223A

Triad

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



1E2740



3D2017



092E20

Complementary

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



1E2740



40371E

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.



1C2C15



1E2740



35250F

Square

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



1E2740



401E22



2A290E



002E2D

Rectangle

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



1E2740



391F33



2A290E



102D1C

Sweetspot

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



1E2740



474A54



1E4037



23252B



ABABAB



2B2B2B

Same Dimension

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



1E2740



1E2D54



261E40



1E1F21



001A61



003BE0

Inverse Universe

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



401E27



541E2D



38401E



211E1F



61001A



E0003B

Previews

White Background



This preview shows how the Hex color 1E2740 looks on a white background.

Color Contrast Check

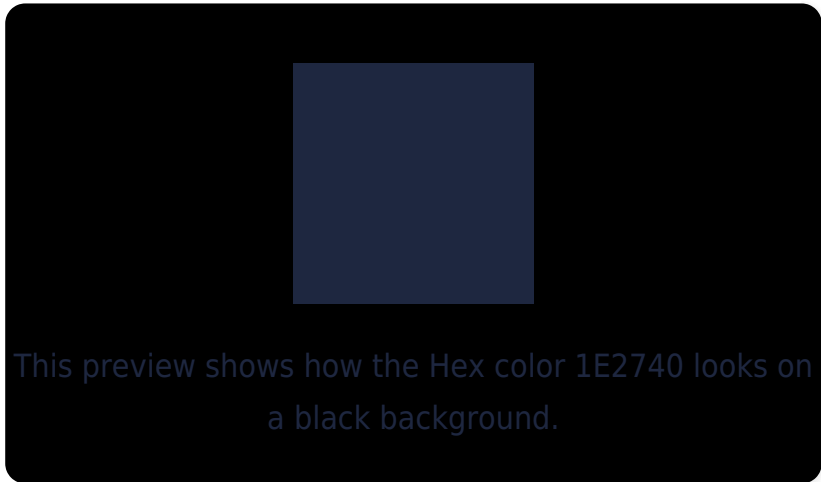
Large Text (above 18pt) WCAG AA ✓ Pass

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

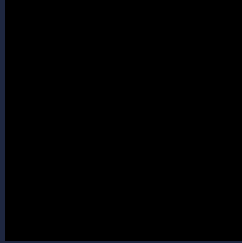
Any Text WCAG AA × Fail

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 1E2740 Background



This preview shows how black text looks on a background with the Hex color 1E2740.



This preview shows how white text looks on a background with the Hex color 1E2740.

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
1E2740

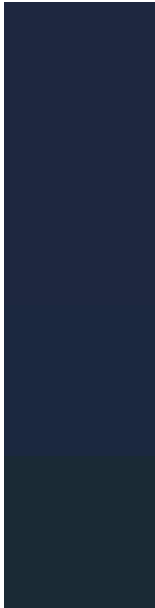
Protanopia
1E2740

Deuteranopia
1A2840



Tritanopia
182B2E

Trichromacy



Original Color
1E2740

Protanomaly
1E2740

Deuteranomaly
1B2840

Tritanomaly
1A2A35

Monochromacy



Original Color
1E2740

Achromatopsia
272727

Achromatomaly
242730

CSS Examples

Text

The CSS property to change the color of the text to Hex 1E2740 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 #1E2740 looks like.

```
.text, #text, p{  
    color:#1E2740  
}
```

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 #1E2740 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1E2740
}
```

Border

The CSS property to change the border of an element to Hex 1E2740 is called "border". The border property can be set on classes, ids or directly on the HTML element.

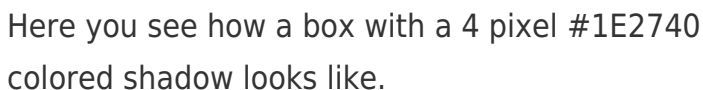
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#1E2740 }
```

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

```
.border{ border-color:#1E2740 }
```

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



Here you see how a box with a 4 pixel #1E2740 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1E2740; -webkit-box-shadow:4px 4px  
4px 4px #1E2740; box-shadow:4px 4px 4px  
4px #1E2740 }
```

Background

The CSS property to change the background color of an element to Hex 1E2740 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1E2740 }
```

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

```
.background{ background-color:#1E2740 }
```

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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