

Converting Colors

Hex(1E2140)

Have a look what the booklet for
Hex(1E2140) contains.

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Color

Hex(1E2140)

Conversions

Conversions Part 1

Format	Color
Hex	1E2140
RGB	30, 33, 64
RGB Percent	12%, 13%, 25%
CMY	0.8824, 0.8706, 0.7490
CMYK	0.53, 0.48, 0.00, 0.75
HSL	235°, 36%, 18%
HSV	235°, 53%, 25%
XYZ	2.0047, 1.7339, 5.0795
YIQ	35.6370, -11.7390, 9.0050

Conversions

Conversions Part 2

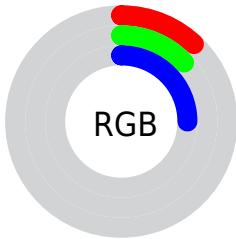
Format	Color
R_{YB}	30, 33, 64
Decimal	1974592
CIE _{Lab}	14.02, 8.73, -20.23
CIE _{LCh}	14, 22.037, 293.348
Yxy	1.7339, 0.2273, 0.1966
Android (android.graphics.Color)	4280164672 (0xFF1E2140)
YUV	35.6370, 13.9830, -4.9436
Hunter-Lab	13.1678, 4.1317, -13.6539

Details

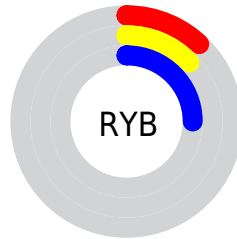
The Hex color **1E2140** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **403D1E**, and the grayscale version is **242424**.

A 20% lighter version of the original color is **4C4D70**, and **000115** is the 20% darker color. If you saturate the color by 10%, you get **181B40**, and if you desaturate by 10%, it is **242740**.

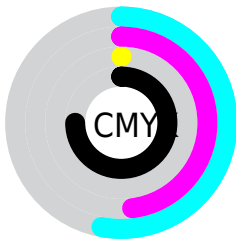
Distribution



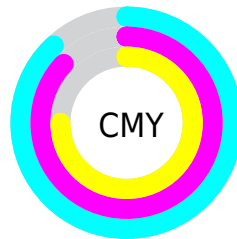
- Red (12%)
- Green (13%)
- Blue (25%)



- Red (12%)
- Yellow (13%)
- Blue (25%)



- Cyan (53%)
- Magenta (48%)
- Yellow (0%)
- Black (75%)



- Cyan (88%)
- Magenta (87%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1E2140 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 1E2140 by changing the saturation by 10% instead.

■ 1E2140

■ 1E2140

FFFFFF

■ 090A2A

■ 4C4D70

■ 000115

■ 65658A

■ 000000

■ 7E7EA4

■ 9998BF

■ B4B2DB

■ CFCEF8

■ ECEAFF

■ 1E2140

■ 1E2140

■ 181B40

■ 242740

■ 111540

■ 2B2D40

■ 0B0F40

■ 313340

■ 040A40

■ 383840

■ 000640

■ 3E3E40

■ 444440

■ 4B4A40

■ 515040

■ 585640

Harmonies

Analogous

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



002642



1E2140



331A36

Triad

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



1E2140



3A1C08



002B20

Complementary

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



1E2140



403D1E

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.



0D2910



1E2140



302200

Square

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



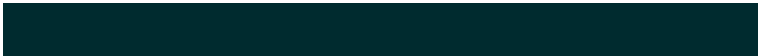
1E2140



401618



212600



002B2F

Rectangle

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



1E2140



3B172D



212600



002B1A

Sweetspot

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



1E2140



474854



1E403D



23242B



ABABAB



2B2B2B

Same Dimension

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



1E2140



1E2354



2C1E40



1E1E21



000961



0014E0

Inverse Universe

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



401E21



541E23



32401E



211E1E



610009



E00014

Previews

White Background



This preview shows how the Hex color 1E2140 looks on a white background.

Color Contrast Check

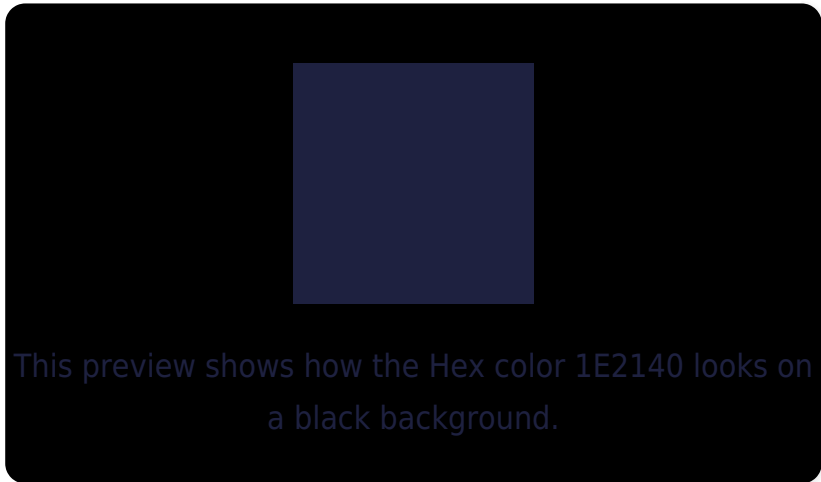
Large Text (above 18pt) WCAG AA ✓ Pass

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

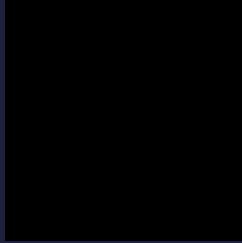
Any Text WCAG AA × Fail

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 1E2140 Background



This preview shows how black text looks on a background with the Hex color 1E2140.



This preview shows how white text looks on a background with the Hex color 1E2140.

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

1E2140

Protanopia

142342

Deuteranopia

0C243F



Tritanopia
162629

Trichromacy



Original Color

1E2140

Protanomaly

182241

Deuteranomaly

13233F

Tritanomaly

192431

Monochromacy



Original Color

1E2140

Achromatopsia

242424

Achromatomaly

22232E

CSS Examples

Text

The CSS property to change the color of the text to Hex 1E2140 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 #1E2140 looks like.

```
.text, #text, p{  
    color:#1E2140  
}
```

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 #1E2140 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1E2140
}
```

Border

The CSS property to change the border of an element to Hex 1E2140 is called "border". The border property can be set on classes, ids or directly on the HTML element.

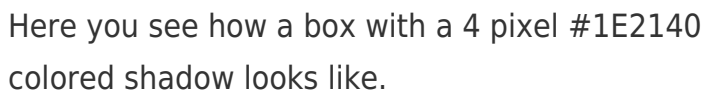
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#1E2140 }
```

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

```
.border{ border-color:#1E2140 }
```

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



Here you see how a box with a 4 pixel #1E2140 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1E2140; -webkit-box-shadow:4px 4px  
4px 4px #1E2140; box-shadow:4px 4px 4px  
4px #1E2140 }
```

Background

The CSS property to change the background color of an element to Hex 1E2140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1E2140 }
```

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

```
.background{ background-color:#1E2140 }
```

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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