

Converting Colors

Hex(1E234C)

Have a look what the booklet for
Hex(1E234C) contains.

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Color

Hex(1E234C)

Conversions

Conversions Part 1

Format	Color
Hex	1E234C
RGB	30, 35, 76
RGB Percent	12%, 14%, 30%
CMY	0.8824, 0.8627, 0.7020
CMYK	0.61, 0.54, 0.00, 0.70
HSL	233°, 43%, 21%
HSV	233°, 61%, 30%
XYZ	2.4410, 1.9999, 7.0948
YIQ	38.1790, -16.1410, 11.6910

Conversions

Conversions Part 2

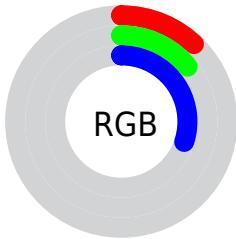
Format	Color
R_{YB}	30, 35, 76
Decimal	1975116
CIE _{Lab}	15.49, 11.80, -26.19
CIE _{LCh}	15, 28.728, 294.250
Yxy	1.9999, 0.2116, 0.1734
Android (android.graphics.Color)	4280165196 (0xFF1E234C)
YUV	38.1790, 18.6458, -7.1730
Hunter-Lab	14.1417, 6.0623, -19.8463

Details

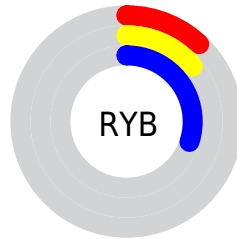
The Hex color **1E234C** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **4C471E**, and the grayscale version is **262626**.

A 20% lighter version of the original color is **4E4F7D**, and **00021F** is the 20% darker color. If you saturate the color by 10%, you get **161C4C**, and if you desaturate by 10%, it is **262A4C**.

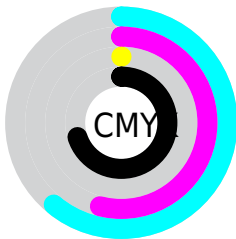
Distribution



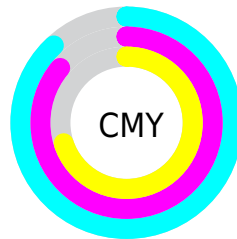
- Red (12%)
- Green (14%)
- Blue (30%)



- Red (12%)
- Yellow (14%)
- Blue (30%)



- Cyan (61%)
- Magenta (54%)
- Yellow (0%)
- Black (70%)



- Cyan (88%)
- Magenta (86%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1E234C 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 1E234C by changing the saturation by 10% instead.

■ 1E234C

■ 1E234C

FFFFFF

■ 050E35

■ 4E4F7D

■ 00021F

■ 676797

■ 000003

■ 8180B2

■ 000000

■ 9C9ACE

■ B7B5EA

■ D3D1FF

■ F0EDFF

■ 1E234C

■ 1E234C

■ 161C4C

■ 262A4C

■ 0F154C

■ 2D314C

■ 070F4C

■ 35374C

■ 00084C

■ 3C3E4C

■ 44454C

■ 4C4C4C

■ 53524C

■ 5B594C

■ 62604C

Harmonies

Analogous

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



002A4F



1E234C



3B193F

Triad

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



1E234C



431C00



003022

Complementary

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



1E234C



4C471E

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.



032E0D



1E234C



342400

Square

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



1E234C



4A1317



222A00



003037

Rectangle

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



1E234C



461332



222A00



002F1B

Sweetspot

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



1E234C



525363



1E4C47



282933



B3B3B3



333333

Same Dimension

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



1E234C



1B2363



301E4C



222326



000B66



0019E6

Inverse Universe

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



4C1E23



631B23



3A4C1E



262223



66000B



E60019

Previews

White Background



This preview shows how the Hex color 1E234C looks on a white background.

Color Contrast Check

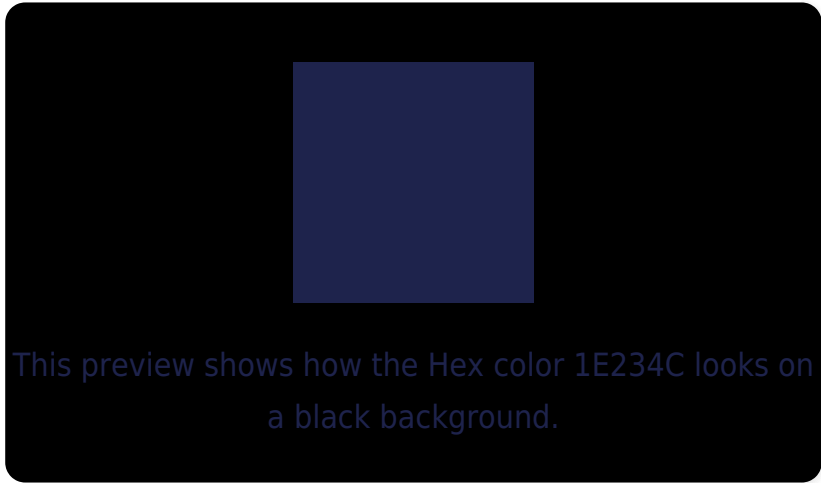
Large Text (above 18pt) WCAG AA ✓ Pass

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

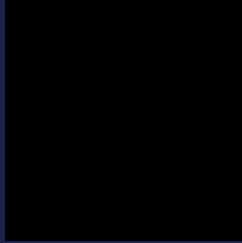
Any Text WCAG AA × Fail

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 1E234C Background



This preview shows how black text looks on a background with the Hex color 1E234C.



This preview shows how white text looks on a background with the Hex color 1E234C.

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
1E234C

Protanopia
09254F

Deuteranopia
002845



Tritanopia
102B2E

Trichromacy



Original Color
1E234C

Protanomaly
11244E

Deuteranomaly
0B2648

Tritanomaly
152839

Monochromacy



Original Color
1E234C

Achromatopsia
262626

Achromatomaly
232534

CSS Examples

Text

The CSS property to change the color of the text to Hex 1E234C 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 #1E234C looks like.

```
.text, #text, p{  
    color:#1E234C  
}
```

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 #1E234C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1E234C
}
```

Border

The CSS property to change the border of an element to Hex 1E234C is called "border". The border property can be set on classes, ids or directly on the HTML element.

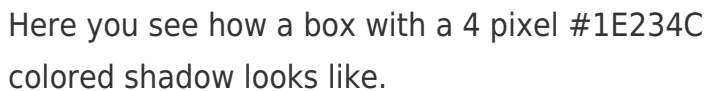
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#1E234C }
```

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

```
.border{ border-color:#1E234C }
```

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



Here you see how a box with a 4 pixel #1E234C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1E234C; -webkit-box-shadow:4px 4px  
4px 4px #1E234C; box-shadow:4px 4px 4px  
4px #1E234C }
```

Background

The CSS property to change the background color of an element to Hex 1E234C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1E234C }
```

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

```
.background{ background-color:#1E234C }
```

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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