

# Converting Colors

Hex(1E2E6C)

Have a look what the booklet for  
Hex(1E2E6C) contains.

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# Color

Hex(1E2E6C)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	1E2E6C
RGB	30, 46, 108
RGB Percent	12%, 18%, 42%
CMY	0.8824, 0.8196, 0.5765
CMYK	0.72, 0.57, 0.00, 0.58
HSL	228°, 57%, 27%
HSV	228°, 72%, 42%
XYZ	4.2192, 3.3127, 14.6044
YIQ	48.2840, -29.4380, 15.8900

# Conversions

## Conversions Part 2

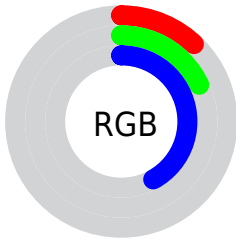
<b>Format</b>	<b>Color</b>
<b>RYB</b>	30, 43, 108
Decimal	1977964
CIELab	21.26, 16.46, -38.14
CIELCh	21, 41.543, 293.336
Yxy	3.3127, 0.1906, 0.1497
Android (android.graphics.Color)	4280168044 (0xFF1E2E6C)
YUV	48.2840, 29.4400, -16.0351
Hunter-Lab	18.2009, 9.5270, -34.8337

# Details

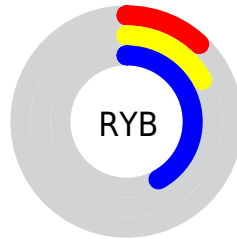
The Hex color **1E2E6C** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **6C5C1E**, and the grayscale version is **303030**.

A 20% lighter version of the original color is **555BA0**, and **00003C** is the 20% darker color. If you saturate the color by 10%, you get **13256C**, and if you desaturate by 10%, it is **29376C**.

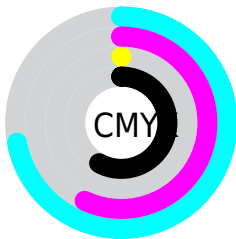
# Distribution



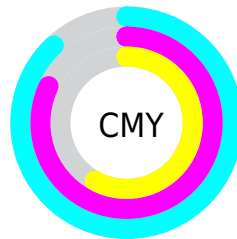
- Red (12%)
- Green (18%)
- Blue (42%)



- Red (12%)
- Yellow (17%)
- Blue (42%)



- Cyan (72%)
- Magenta (57%)
- Yellow (0%)
- Black (58%)



- Cyan (88%)
- Magenta (82%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1E2E6C 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 1E2E6C by changing the saturation by 10% instead.





1E2E6C



1E2E6C

FFFFFF



001A53



555BA0



00003C



7074BB



000225



8A8DD7



00010E



A6A8F4



000000



C2C3FF



DFDFFF



FCFBFF



1E2E6C



1E2E6C

■ 13256C

■ 29376C

■ 081D6C

■ 343F6C

■ 00166C

■ 3E486C

■ 49506C

■ 54596C

■ 5F626C

■ 6A6A6C

■ 74736C

■ 7F7B6C

# Harmonies

## Analogous

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



003971



1E2E6C



501D58

# Triad

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



1E2E6C



5B2100



00402B

# Complementary

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



1E2E6C



6C5C1E

# 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.



003D09



1E2E6C



462F00

# Square

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



1E2E6C



670F1D



2A3800



00404B

# Rectangle

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



1E2E6C



601045



2A3800



003F20



# Sweetspot

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



1E2E6C



6D748C



1E6C5B



353947



C7C7C7



474747



# Same Dimension

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



1E2E6C



122B8C



341E6C



303136



001875



0032F5



# Inverse Universe

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



6C1E2E



8C122B



566C1E



363031



750018



F50032



# Previews

## White Background



This preview shows how the Hex color 1E2E6C looks on a white background.

## Color Contrast Check

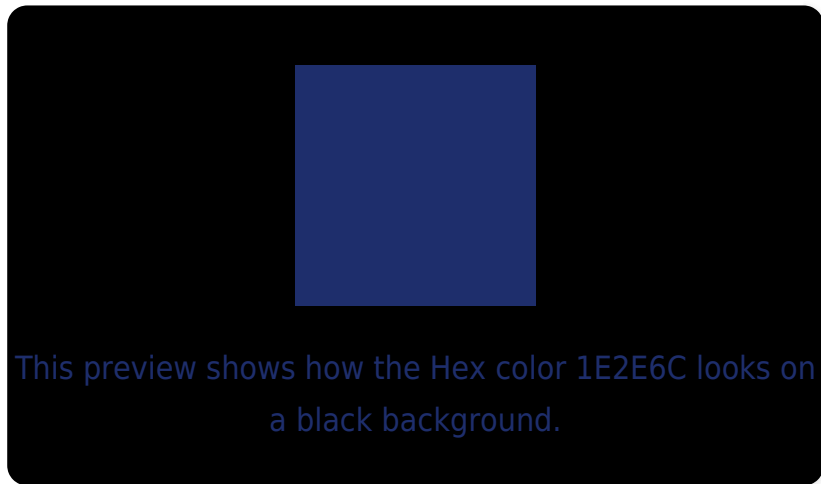
Large Text (above 18pt) WCAG AA ✓ Pass

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

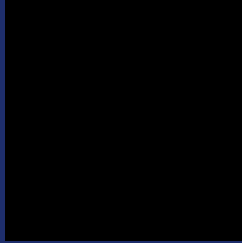
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 1E2E6C Background



This preview shows how black text looks on a background with the Hex color 1E2E6C.



This preview shows how white text looks on a background with the Hex color 1E2E6C.

# 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**  
1E2E6C

**Protanopia**  
003169

**Deuteranopia**  
00345A



**Tritanopia**  
00393D

# Trichromacy



**Original Color**  
1E2E6C

**Protanomaly**  
0B306A

**Deuteranomaly**  
0B3261

**Tritanomaly**  
0B354E

# Monochromacy



**Original Color**  
1E2E6C

**Achromatopsia**  
303030

**Achromatomaly**  
292F46

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1E2E6C 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 #1E2E6C looks like.

```
.text, #text, p{  
    color:#1E2E6C  
}
```

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 #1E2E6C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1E2E6C
}
```

## Border

The CSS property to change the border of an element to Hex 1E2E6C 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".

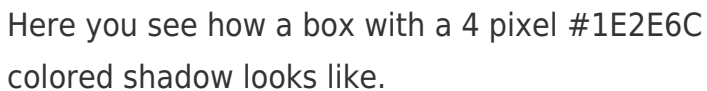
```
.border, #border, table{ border:4px solid
#1E2E6C }
```

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

```
.border{ border-color:#1E2E6C }
```

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

Here you see how a box with a 4 pixel #1E2E6C colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1E2E6C; -webkit-box-shadow:4px 4px  
4px 4px #1E2E6C; box-shadow:4px 4px 4px  
4px #1E2E6C }
```

# Background

The CSS property to change the background color of an element to Hex 1E2E6C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1E2E6C }
```

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

```
.background{ background-color:#1E2E6C }
```

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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