

# Converting Colors

Hex(1E415A)

Have a look what the booklet for  
Hex(1E415A) contains.

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# Color

**Hex(1E415A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	1E415A
RGB	30, 65, 90
RGB Percent	12%, 25%, 35%
CMY	0.8824, 0.7451, 0.6471
CMYK	0.67, 0.28, 0.00, 0.65
HSL	205°, 50%, 24%
HSV	205°, 67%, 35%
XYZ	4.2712, 4.7948, 10.3732
YIQ	57.3850, -28.8850, 0.3550

# Conversions

## Conversions Part 2

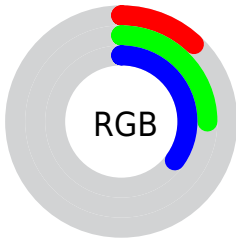
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	30, 52, 90
Decimal	1982810
CIE Lab	26.14, -3.88, -18.69
CIE LCh	26, 19.085, 258.258
Yxy	4.7948, 0.2197, 0.2467
Android (android.graphics.Color)	4280172890 (0xFF1E415A)
YUV	57.3850, 16.0792, -24.0166
Hunter-Lab	21.8970, -3.5020, -12.7594

# Details

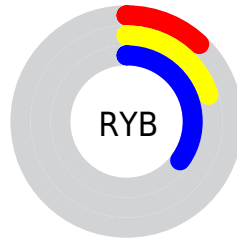
The Hex color **1E415A** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **5A371E**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **51718C**, and **00172C** is the 20% darker color. If you saturate the color by 10%, you get **153D5A**, and if you desaturate by 10%, it is **27455A**.

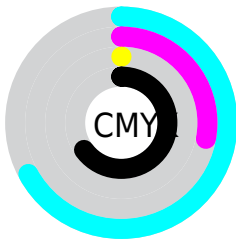
# Distribution



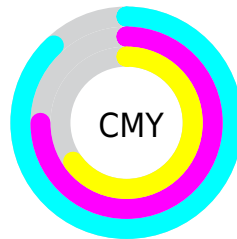
- Red (12%)
- Green (25%)
- Blue (35%)



- Red (12%)
- Yellow (20%)
- Blue (35%)



- Cyan (67%)
- Magenta (28%)
- Yellow (0%)
- Black (65%)



- Cyan (88%)
- Magenta (75%)
- Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1E415A 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 1E415A by changing the saturation by 10% instead.



■ 1E415A

■ 1E415A

FFFFFF

■ 002B42

■ 51718C

■ 00172C

■ 6A8AA7

■ 000118

■ 85A4C2

■ 000000

■ 9FBFDE

■ BBDBFA

■ D7F8FF

■ F4FFFF

■ 1E415A

■ 1E415A

■ 153D5A

■ 27455A

■ 0C395A

■ 30485A

■ 03365A

■ 394C5A

■ 00345A

■ 42505A

■ 4B545A

■ 54585A

■ 5D5B5A

■ 665F5A

■ 6F635A

# Harmonies

## Analogous

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



024453



1E415A



373C59

# Triad

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



1E415A



5A3336



2E432A

# Complementary

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



1E415A



5A371E

# 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.



3E4022



1E415A



563629

# Square

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



1E415A



563344



4C3B21



1B4537

# Rectangle

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



1E415A



453955



4C3B21



344227



# Sweetspot

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



1E415A



5E6C75



1E5A37



2D353B



BABABA



3B3B3B



# Same Dimension

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



1E415A



174E75



1E235A



292C2E



00406E



008AED



# Inverse Universe

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



5A1E41



75174E



5A551E



2E292C



6E0040

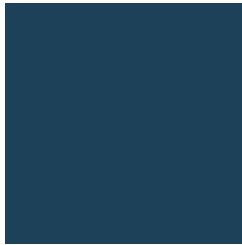


ED008A



# Previews

## White Background



This preview shows how the Hex color 1E415A looks on a white background.

## Color Contrast Check

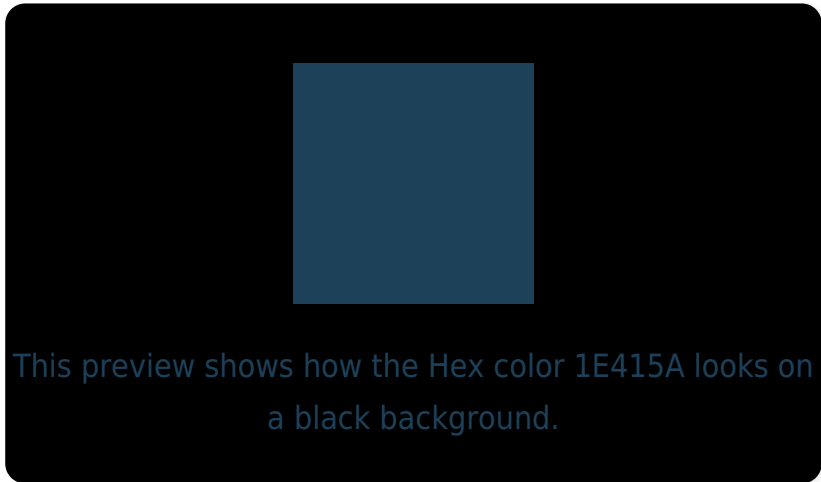
Large Text (above 18pt) WCAG AA ✓ Pass

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

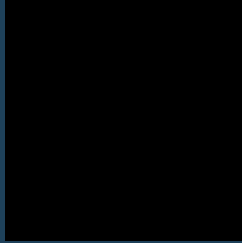
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

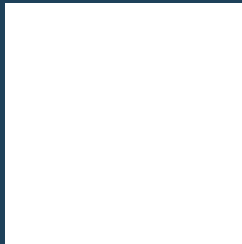
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 1E415A Background



This preview shows how black text looks on a background with the Hex color 1E415A.



This preview shows how white text looks on a background with the Hex color 1E415A.

# 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**  
1E415A

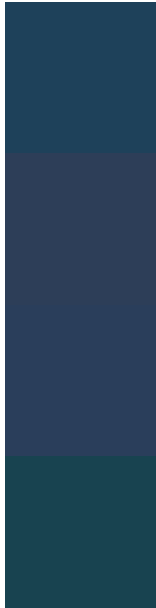
**Protanopia**  
363D57

**Deuteranopia**  
313D5B



**Tritanopia**  
14444A

# Trichromacy



**Original Color**

1E415A

**Protanomaly**

2D3E58

**Deuteranomaly**

2A3E5B

**Tritanomaly**

184350

# Monochromacy



**Original Color**

1E415A

**Achromatopsia**

393939

**Achromatomaly**

2F3C45

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1E415A 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 #1E415A looks like.

```
.text, #text, p{  
    color:#1E415A  
}
```

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 #1E415A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1E415A
}
```

## Border

The CSS property to change the border of an element to Hex 1E415A is called "border". The border property can be set on classes, ids or directly on the HTML element.

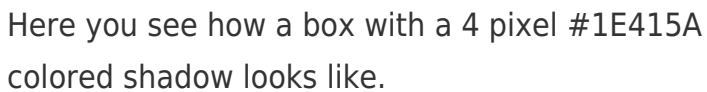
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#1E415A }
```

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

```
.border{ border-color:#1E415A }
```

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



Here you see how a box with a 4 pixel #1E415A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1E415A; -webkit-box-shadow:4px 4px  
4px 4px #1E415A; box-shadow:4px 4px 4px  
4px #1E415A }
```

# Background

The CSS property to change the background color of an element to Hex 1E415A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1E415A }
```

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

```
.background{ background-color:#1E415A }
```

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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