

Converting Colors

Hex(1E3E67)

Have a look what the booklet for
Hex(1E3E67) contains.

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Color

Hex(1E3E67)

Conversions

Conversions Part 1

Format	Color
Hex	1E3E67
RGB	30, 62, 103
RGB Percent	12%, 24%, 40%
CMY	0.8824, 0.7569, 0.5961
CMYK	0.71, 0.40, 0.00, 0.60
HSL	214°, 55%, 26%
HSV	214°, 71%, 40%
XYZ	4.7062, 4.7005, 13.4912
YIQ	57.1060, -32.2330, 5.9670

Conversions

Conversions Part 2

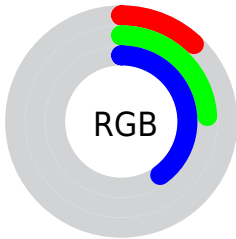
Format	Color
R_{YB}	30, 52, 103
Decimal	1982055
CIE Lab	25.86, 3.16, -27.53
CIE LCh	26, 27.708, 276.539
Yxy	4.7005, 0.2055, 0.2053
Android (android.graphics.Color)	4280172135 (0xFF1E3E67)
YUV	57.1060, 22.6257, -23.7720
Hunter-Lab	21.6807, 0.8056, -21.7177

Details

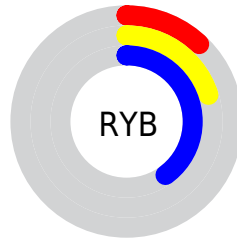
The Hex color **1E3E67** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **67471E**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **536D9A**, and **001438** is the 20% darker color. If you saturate the color by 10%, you get **143867**, and if you desaturate by 10%, it is **284467**.

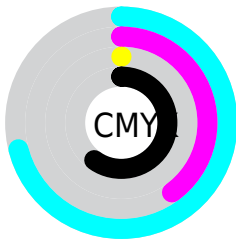
Distribution



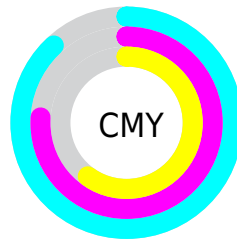
- Red (12%)
- Green (24%)
- Blue (40%)



- Red (12%)
- Yellow (20%)
- Blue (40%)



- Cyan (71%)
- Magenta (40%)
- Yellow (0%)
- Black (60%)



- Cyan (88%)
- Magenta (76%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1E3E67 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 1E3E67 by changing the saturation by 10% instead.

■ 1E3E67

■ 1E3E67

FFFFFF

■ 00284F

■ 536D9A

■ 001438

■ 6D86B5

■ 000222

■ 88A1D1

■ 000008

■ A3BBED

■ 000000

■ BFD7FF

■ DBF4FF

■ F8FFFF

■ 1E3E67

■ 1E3E67

■ 143867

■ 284467

■ 093267

■ 334A67

■ 002D67

■ 3D4F67

■ 475567

■ 525B67

■ 5C6167

■ 666667

■ 706C67

■ 7B7267

Harmonies

Analogous

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



004464



1E3E67



45365F

Triad

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



1E3E67



622E25



0D462C

Complementary

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



1E3E67



67471E

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.



2F431A



1E3E67



563616

Square

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



1E3E67



642B39



453E11



004841

Rectangle

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



1E3E67



553055



453E11



1B4625

Sweetspot

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



1E3E67



6B7787



1E6746



343B45



C4C4C4



454545

Same Dimension

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



1E3E67



144787



221E67



2E3033



003273



006AF2

Inverse Universe

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



671E3E



871447



63671E



332E30



730032



F2006A

Previews

White Background



This preview shows how the Hex color 1E3E67 looks on a white background.

Color Contrast Check

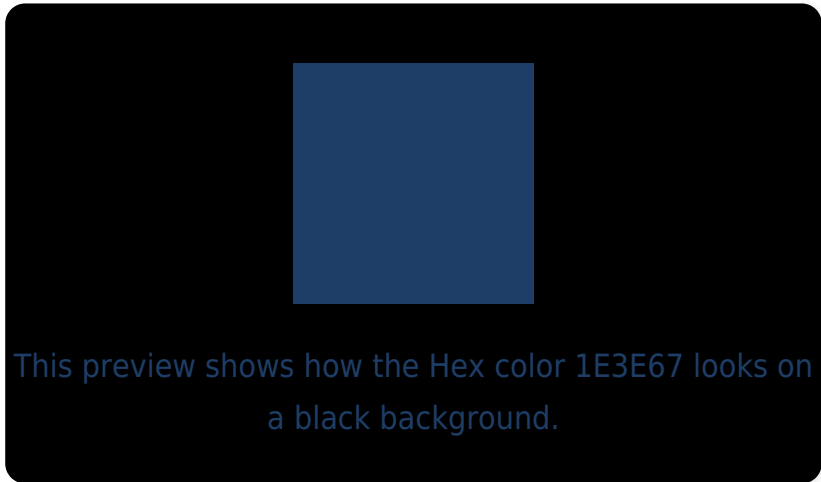
Large Text (above 18pt) WCAG AA ✓ Pass

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 1E3E67 Background



This preview shows how black text looks on a background with the Hex color 1E3E67.



This preview shows how white text looks on a background with the Hex color 1E3E67.

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
1E3E67

Protanopia
2C3C65

Deuteranopia
203E67



Tritanopia
004449

Trichromacy



Original Color
1E3E67

Protanomaly
273D66

Deuteranomaly
1F3E67

Tritanomaly
0B4254

Monochromacy



Original Color
1E3E67

Achromatopsia
393939

Achromatomaly
2F3B4A

CSS Examples

Text

The CSS property to change the color of the text to Hex 1E3E67 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 #1E3E67 looks like.

```
.text, #text, p{  
    color:#1E3E67  
}
```

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 #1E3E67 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1E3E67
}
```

Border

The CSS property to change the border of an element to Hex 1E3E67 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".

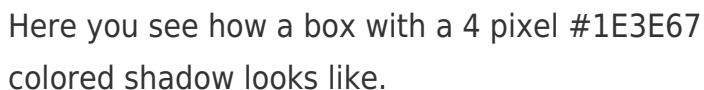
```
.border, #border, table{ border:4px solid
#1E3E67 }
```

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

```
.border{ border-color:#1E3E67 }
```

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

Here you see how a box with a 4 pixel #1E3E67 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1E3E67; -webkit-box-shadow:4px 4px  
4px 4px #1E3E67; box-shadow:4px 4px 4px  
4px #1E3E67 }
```

Background

The CSS property to change the background color of an element to Hex 1E3E67 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1E3E67 }
```

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

```
.background{ background-color:#1E3E67 }
```

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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