

Converting Colors

Hex(163E57)

Have a look what the booklet for
Hex(163E57) contains.

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Color

Hex(163E57)

Conversions

Conversions Part 1

Format	Color
Hex	163E57
RGB	22, 62, 87
RGB Percent	9%, 24%, 34%
CMY	0.9137, 0.7569, 0.6588
CMYK	0.75, 0.29, 0.00, 0.66
HSL	203°, 60%, 21%
HSV	203°, 75%, 34%
XYZ	3.7738, 4.3039, 9.6487
YIQ	52.8900, -31.8650, -0.7050

Conversions

Conversions Part 2

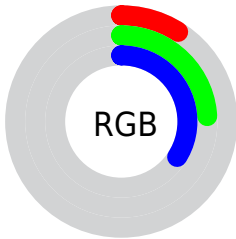
Format	Color
R _Y B	22, 47, 87
Decimal	1457751
CIE Lab	24.65, -4.65, -19.08
CIE LCh	25, 19.635, 256.307
Yxy	4.3039, 0.2129, 0.2428
Android (android.graphics.Color)	4279647831 (0xFF163E57)
YUV	52.8900, 16.8162, -27.0905
Hunter-Lab	20.7459, -3.8353, -13.0528

Details

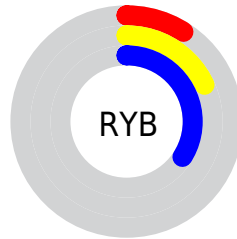
The Hex color **163E57** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **572F16**, and the grayscale version is **353535**.

A 20% lighter version of the original color is **4A6D89**, and **00142A** is the 20% darker color. If you saturate the color by 10%, you get **0D3B57**, and if you desaturate by 10%, it is **1F4157**.

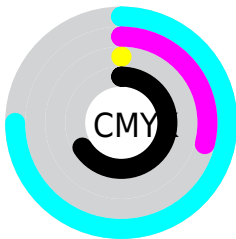
Distribution



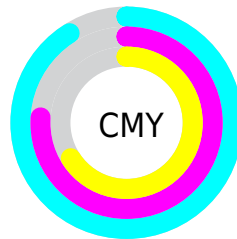
- Red (9%)
- Green (24%)
- Blue (34%)



- Red (9%)
- Yellow (18%)
- Blue (34%)



- Cyan (75%)
- Magenta (29%)
- Yellow (0%)
- Black (66%)



- Cyan (91%)
- Magenta (76%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 163E57 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 163E57 by changing the saturation by 10% instead.

■ 163E57

■ 163E57

FFFFFF

■ 002840

■ 4A6D89

■ 00142A

■ 6487A3

■ 000115

■ 7EA1BE

■ 000000

■ 99BCDA

■ B4D8F7

■ D1F4FF

■ EDFFFF

■ 163E57

■ 163E57

■ 0D3B57

■ 1F4157

■ 053757

■ 274557

■ 003657

■ 304857

■ 394B57

■ 424F57

■ 4A5257

■ 535557

■ 5C5957

■ 645C57

Harmonies

Analogous

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



00414F



163E57



323957

Triad

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



163E57



572F33



2B4026

Complementary

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



163E57



572F16

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.



3C3C1E



163E57



543226

Square

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



163E57



533042



4A371E



174233

Rectangle

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



163E57



403652



4A371E



313F22

Sweetspot

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



163E57



586770



16572F



2A3238



B8B8B8



383838

Same Dimension

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



163E57



0B4970



161E57



272A2B



00426B



0090EB

Inverse Universe

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



57163E



700B49



574F16



2B272A



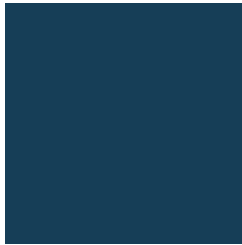
6B0042



EB0090

Previews

White Background



This preview shows how the Hex color 163E57 looks on a white background.

Color Contrast Check

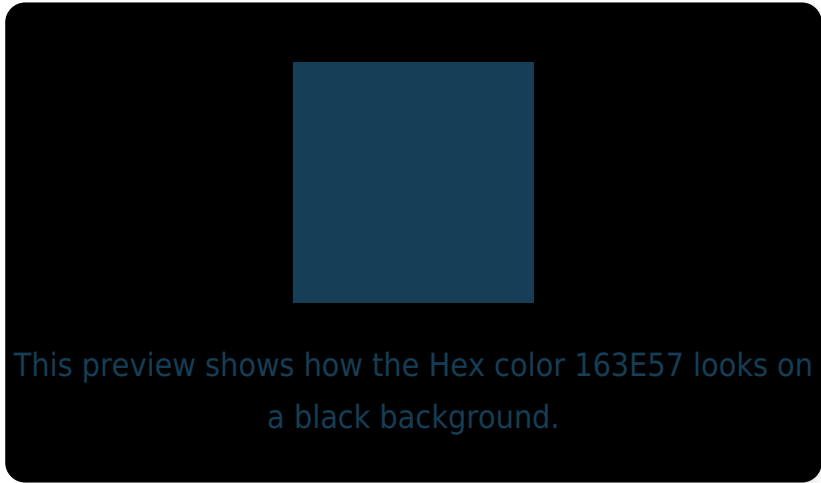
Large Text (above 18pt) WCAG AA ✓ Pass

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

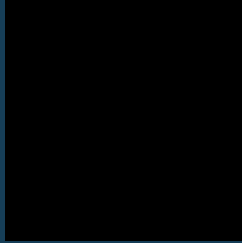
Any Text WCAG AA × Fail

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 163E57 Background



This preview shows how black text looks on a background with the Hex color 163E57.



This preview shows how white text looks on a background with the Hex color 163E57.

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
163E57

Protanopia
323A53

Deuteranopia
2D3A58

Trichromacy



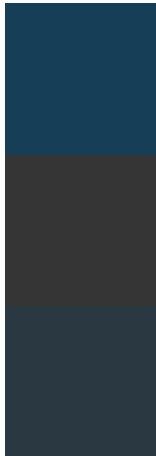
Original Color
163E57

Protanomaly
283B54

Deuteranomaly
253B58

Tritanomaly
08404C

Monochromacy



Original Color
163E57

Achromatopsia
353535

Achromatomaly
2A3841

CSS Examples

Text

The CSS property to change the color of the text to Hex 163E57 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 #163E57 looks like.

```
.text, #text, p{  
    color:#163E57  
}
```

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 #163E57 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #163E57
}
```

Border

The CSS property to change the border of an element to Hex 163E57 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
#163E57 }
```

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

```
.border{ border-color:#163E57 }
```

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

Here you see how a box with a 4 pixel #163E57 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #163E57; -webkit-box-shadow:4px 4px  
4px 4px #163E57; box-shadow:4px 4px 4px  
4px #163E57 }
```

Background

The CSS property to change the background color of an element to Hex 163E57 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#163E57 }
```

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

```
.background{ background-color:#163E57 }
```

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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