

Converting Colors

Hex(163750)

Have a look what the booklet for
Hex(163750) contains.

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Color

Hex(163750)

Conversions

Conversions Part 1

Format	Color
Hex	163750
RGB	22, 55, 80
RGB Percent	9%, 22%, 31%
CMY	0.9137, 0.7843, 0.6863
CMYK	0.72, 0.31, 0.00, 0.69
HSL	206°, 57%, 20%
HSV	206°, 72%, 31%
XYZ	3.1450, 3.4821, 8.0958
YIQ	47.9830, -27.6930, 0.7790

Conversions

Conversions Part 2

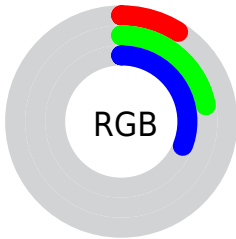
Format	Color
R_{YB}	22, 43, 80
Decimal	1455952
CIE Lab	21.88, -2.75, -18.79
CIE LCh	22, 18.991, 261.663
Yxy	3.4821, 0.2136, 0.2365
Android (android.graphics.Color)	4279646032 (0xFF163750)
YUV	47.9830, 15.7844, -22.7871
Hunter-Lab	18.6605, -2.5715, -12.6604

Details

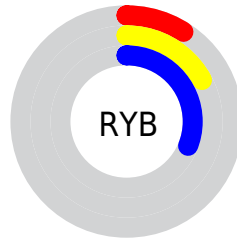
The Hex color **163750** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **502F16**, and the grayscale version is **303030**.

A 20% lighter version of the original color is **496681**, and **000B23** is the 20% darker color. If you saturate the color by 10%, you get **0E3450**, and if you desaturate by 10%, it is **1E3A50**.

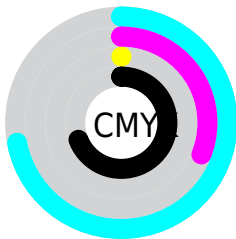
Distribution



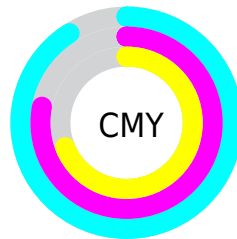
- Red (9%)
- Green (22%)
- Blue (31%)



- Red (9%)
- Yellow (17%)
- Blue (31%)



- Cyan (72%)
- Magenta (31%)
- Yellow (0%)
- Black (69%)



- Cyan (91%)
- Magenta (78%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 163750 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 163750 by changing the saturation by 10% instead.

■ 163750

■ 163750

FFFFFF

■ 002239

■ 496681

■ 000B23

■ 627F9B

■ 00000C

■ 7C98B6

■ 000000

■ 96B3D2

■ B2CFEE

■ CEEBFF

■ EAEFFF

■ 163750

■ 163750

■ 0E3450

■ 1E3A50

■ 063050

■ 263E50

■ 002E50

■ 2E4150

■ 364550

■ 3E4850

■ 464C50

■ 4E4F50

■ 565350

■ 5E5650

Harmonies

Analogous

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



003A4A



163750



30324E

Triad

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



163750



4F2A2B



233A22

Complementary

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



163750



502F16

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.



33371A



163750



4B2D1F

Square

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



163750



4D2939



413218



0D3C30

Rectangle

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



163750



3D2F49



413218



28391F

Sweetspot

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



163750



525F69



16502E



283036



B5B5B5



363636

Same Dimension

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



163750



0E4169



161B50



252729



003B69



0084E8

Inverse Universe

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



501637



690E41



504B16



292527



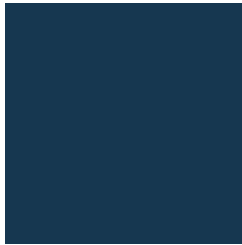
69003B



E80084

Previews

White Background



This preview shows how the Hex color 163750 looks on a white background.

Color Contrast Check

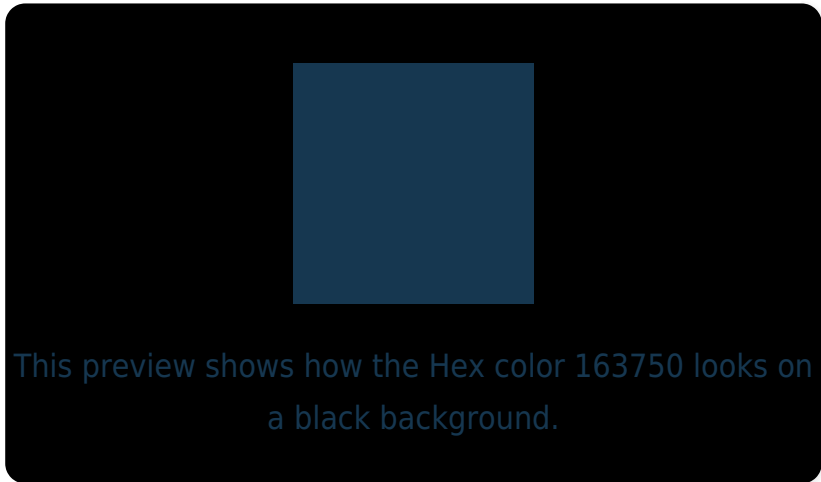
Large Text (above 18pt) WCAG AA ✓ Pass

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

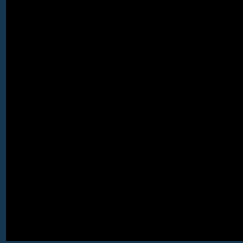
Any Text WCAG AA × Fail

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 163750 Background



This preview shows how black text looks on a background with the Hex color 163750.



This preview shows how white text looks on a background with the Hex color 163750.

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
163750

Protanopia
2C344D

Deuteranopia
263451



Tritanopia
003A3F

Trichromacy



Original Color
163750

Protanomaly
24354E

Deuteranomaly
203551

Tritanomaly
083945

Monochromacy



Original Color
163750

Achromatopsia
303030

Achromatomaly
27333C

CSS Examples

Text

The CSS property to change the color of the text to Hex 163750 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 #163750 looks like.

```
.text, #text, p{  
    color:#163750  
}
```

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 #163750 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #163750  
}
```

Border

The CSS property to change the border of an element to Hex 163750 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  
#163750 }
```

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

```
.border{ border-color:#163750 }
```

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

Here you see how a box with a 4 pixel #163750 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #163750; -webkit-box-shadow:4px 4px  
4px 4px #163750; box-shadow:4px 4px 4px  
4px #163750 }
```

Background

The CSS property to change the background color of an element to Hex 163750 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#163750 }
```

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

```
.background{ background-color:#163750 }
```

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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