

Converting Colors

Hex(163C60)

Have a look what the booklet for
Hex(163C60) contains.

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Color

Hex(163C60)

Conversions

Conversions Part 1

Format	Color
Hex	163C60
RGB	22, 60, 96
RGB Percent	9%, 24%, 38%
CMY	0.9137, 0.7647, 0.6235
CMYK	0.77, 0.37, 0.00, 0.62
HSL	209°, 63%, 23%
HSV	209°, 77%, 38%
XYZ	4.0581, 4.2468, 11.6722
YIQ	52.7420, -34.2040, 3.1400

Conversions

Conversions Part 2

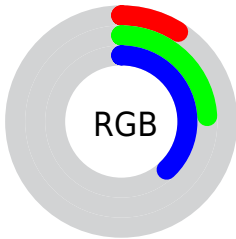
Format	Color
R_{YB}	22, 47, 96
Decimal	1457248
CIE _{Lab}	24.47, 0.31, -25.23
CIE _{LCh}	24, 25.232, 270.705
Yxy	4.2468, 0.2031, 0.2126
Android (android.graphics.Color)	4279647328 (0xFF163C60)
YUV	52.7420, 21.3262, -26.9607
Hunter-Lab	20.6078, -0.9137, -19.1561

Details

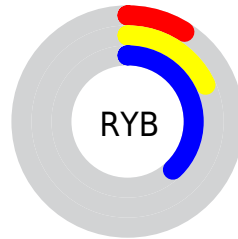
The Hex color **163C60** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **603A16**, and the grayscale version is **353535**.

A 20% lighter version of the original color is **4C6B93**, and **001231** is the 20% darker color. If you saturate the color by 10%, you get **0C3760**, and if you desaturate by 10%, it is **204160**.

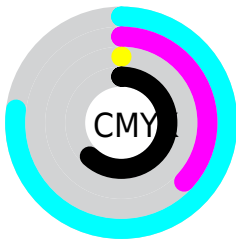
Distribution



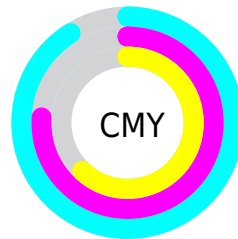
- Red (9%)
- Green (24%)
- Blue (38%)



- Red (9%)
- Yellow (18%)
- Blue (38%)



- Cyan (77%)
- Magenta (37%)
- Yellow (0%)
- Black (62%)



- Cyan (91%)
- Magenta (76%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 163C60 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 163C60 by changing the saturation by 10% instead.

■ 163C60

■ 163C60

FFFFFF

■ 002748

■ 4C6B93

■ 001231

■ 6684AE

■ 00021C

■ 819EC9

■ 000000

■ 9CB9E5

■ B7D5FF

■ D4F1FF

■ F1FFFF

■ 163C60

■ 163C60

■ 0C3760

■ 204160

■ 033360

■ 294560

■ 003160

■ 334A60

■ 3C4F60

■ 465360

■ 505860

■ 595D60

■ 636160

■ 6C6660

Harmonies

Analogous

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



00415B



163C60



3C355B

Triad

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



163C60



5C2C28



184227

Complementary

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



163C60



603A16

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.



313F18



163C60



543219

Square

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



163C60



5C2A3A



453913



00443A

Rectangle

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



163C60



4C3052



453913



224121

Sweetspot

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



163C60



606F7D



16603A



2E3740



BFBFBF



404040

Same Dimension

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



163C60



09447D



161760



2C2E30



003A70



007BF0

Inverse Universe

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



60163C



7D0944



605F16



302C2E



70003A



F0007B

Previews

White Background



This preview shows how the Hex color 163C60 looks on a white background.

Color Contrast Check

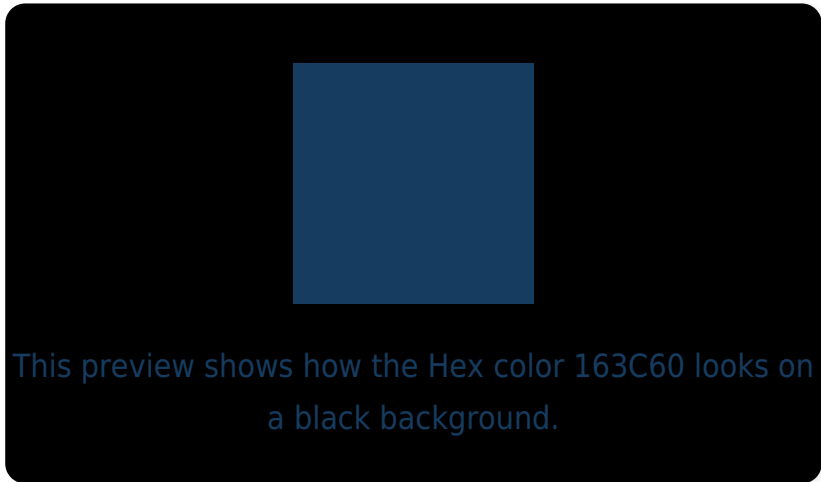
Large Text (above 18pt) WCAG AA ✓ Pass

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

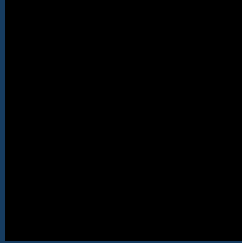
Any Text WCAG AA × Fail

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 163C60 Background



This preview shows how black text looks on a background with the Hex color 163C60.



This preview shows how white text looks on a background with the Hex color 163C60.

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
163C60

Protanopia
2C395D

Deuteranopia
213B60

Trichromacy



Original Color
163C60

Protanomaly
243A5E

Deuteranomaly
1D3B60

Monochromacy



Original Color
163C60

Achromatopsia
353535

Achromatomaly
2A3845

CSS Examples

Text

The CSS property to change the color of the text to Hex 163C60 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 #163C60 looks like.

```
.text, #text, p{  
    color:#163C60  
}
```

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 #163C60 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #163C60
}
```

Border

The CSS property to change the border of an element to Hex 163C60 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
#163C60 }
```

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

```
.border{ border-color:#163C60 }
```

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

Here you see how a box with a 4 pixel #163C60 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #163C60; -webkit-box-shadow:4px 4px  
4px 4px #163C60; box-shadow:4px 4px 4px  
4px #163C60 }
```

Background

The CSS property to change the background color of an element to Hex 163C60 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#163C60 }
```

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

```
.background{ background-color:#163C60 }
```

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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