

Converting Colors

Hex(123A60)

Have a look what the booklet for
Hex(123A60) contains.

Hex(123A60)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(123A60)

Conversions

Conversions Part 1

Format	Color
Hex	123A60
RGB	18, 58, 96
RGB Percent	7%, 23%, 38%
CMY	0.9294, 0.7725, 0.6235
CMYK	0.81, 0.40, 0.00, 0.62
HSL	209°, 68%, 22%
HSV	209°, 81%, 38%
XYZ	3.8738, 3.9992, 11.6341
YIQ	50.3720, -36.0380, 3.3380

Conversions

Conversions Part 2

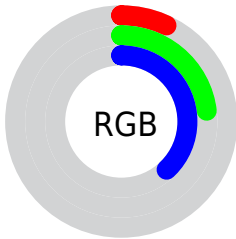
Format	Color
R_{YB}	18, 44, 96
Decimal	1194592
CIE _{Lab}	23.67, 1.08, -26.51
CIE _{LCh}	24, 26.532, 272.339
Yxy	3.9992, 0.1986, 0.2050
Android (android.graphics.Color)	4279384672 (0xFF123A60)
YUV	50.3720, 22.4946, -28.3902
Hunter-Lab	19.9981, -0.4194, -20.4939

Details

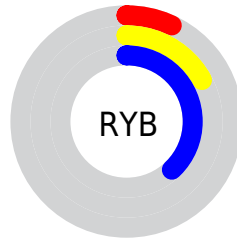
The Hex color **123A60** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **603812**, and the grayscale version is **323232**.

A 20% lighter version of the original color is **4A6993**, and **000F31** is the 20% darker color. If you saturate the color by 10%, you get **083560**, and if you desaturate by 10%, it is **1C3F60**.

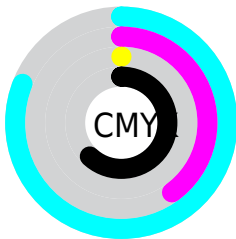
Distribution



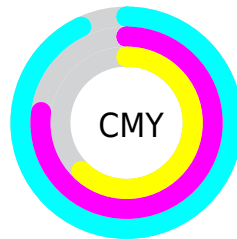
- Red (7%)
- Green (23%)
- Blue (38%)



- Red (7%)
- Yellow (17%)
- Blue (38%)



- Cyan (81%)
- Magenta (40%)
- Yellow (0%)
- Black (62%)



- Cyan (93%)
- Magenta (77%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 123A60 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 123A60 by changing the saturation by 10% instead.

■ 123A60

■ 123A60

FFFFFF

■ 002548

■ 4A6993

■ 000F31

■ 6482AE

■ 00011C

■ 7F9CC9

■ 000000

■ 9AB7E5

■ B5D2FF

■ D2EEFF

■ EEEFFF

■ 123A60

■ 123A60

■ 083560

■ 1C3F60

■ 003160

■ 254360

■ 2F4860

■ 384D60

■ 425160

■ 4C5660

■ 555B60

■ 5F5F60

■ 686460

Harmonies

Analogous

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



003F5B



123A60



3B325A

Triad

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



123A60



5C2924



114125

Complementary

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



123A60



603812

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.



2E3D15



123A60



523115

Square

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



123A60



5C2738



42380E



004239

Rectangle

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



123A60



4C2D51



42380E



1D401F

Sweetspot

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



123A60



5F6E7D



126038



2D3740



BFBFBF



404040

Same Dimension

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



123A60



02417D



121360



2C2E30



003A70



007BF0

Inverse Universe

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



60123A



7D0241



605F12



302C2E



70003A



F0007B

Previews

White Background



This preview shows how the Hex color 123A60 looks on a white background.

Color Contrast Check

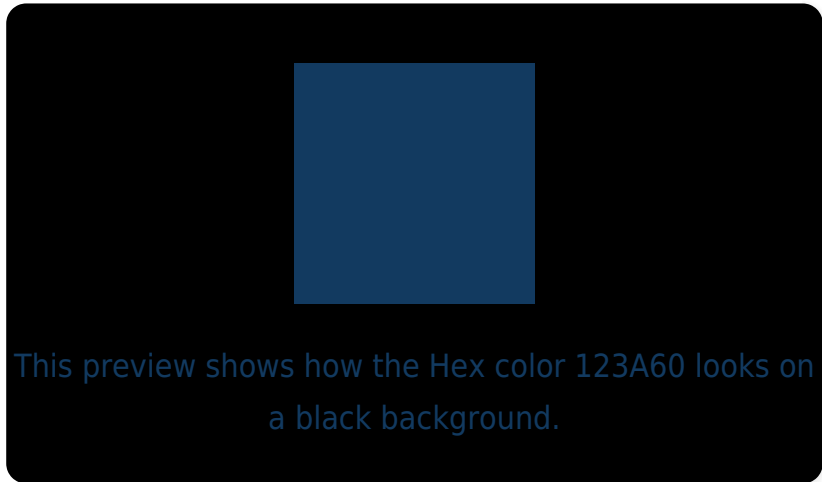
Large Text (above 18pt) WCAG AA ✓ Pass

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 123A60 Background



This preview shows how black text looks on a background with the Hex color 123A60.



This preview shows how white text looks on a background with the Hex color 123A60.

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
123A60

Protanopia
29375D

Deuteranopia
1B3960



Tritanopia
003F43

Trichromacy



Original Color
123A60

Protanomaly
21385E

Deuteranomaly
183960

Tritanomaly
073D4E

Monochromacy



Original Color
123A60

Achromatopsia
323232

Achromatomaly
263543

CSS Examples

Text

The CSS property to change the color of the text to Hex 123A60 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 #123A60 looks like.

```
.text, #text, p{  
    color:#123A60  
}
```

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 #123A60 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #123A60
}
```

Border

The CSS property to change the border of an element to Hex 123A60 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
#123A60 }
```

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

```
.border{ border-color:#123A60 }
```

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

Here you see how a box with a 4 pixel #123A60 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #123A60; -webkit-box-shadow:4px 4px  
4px 4px #123A60; box-shadow:4px 4px 4px  
4px #123A60 }
```

Background

The CSS property to change the background color of an element to Hex 123A60 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#123A60 }
```

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

```
.background{ background-color:#123A60 }
```

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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