

Converting Colors

Hex(103236)

Have a look what the booklet for
Hex(103236) contains.

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Color

Hex(103236)

Conversions

Conversions Part 1

Format	Color
Hex	103236
RGB	16, 50, 54
RGB Percent	6%, 20%, 21%
CMY	0.9373, 0.8039, 0.7882
CMYK	0.70, 0.07, 0.00, 0.79
HSL	186°, 54%, 14%
HSV	186°, 70%, 21%
XYZ	2.0201, 2.6577, 3.8965
YIQ	40.2900, -21.5480, -5.9640

Conversions

Conversions Part 2

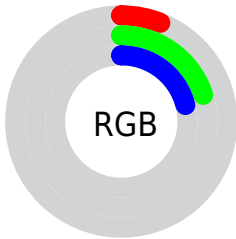
Format	Color
RYB	16, 34, 54
Decimal	1061430
CIELab	18.62, -10.71, -6.22
CIELCh	19, 12.388, 210.152
Yxy	2.6577, 0.2356, 0.3100
Android (android.graphics.Color)	4279251510 (0xFF103236)
YUV	40.2900, 6.7590, -21.3023
Hunter-Lab	16.3025, -6.4103, -2.7595

Details

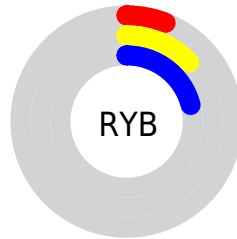
The Hex color **103236** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **361410**, and the grayscale version is **282828**.

A 20% lighter version of the original color is **3F6065**, and **000009** is the 20% darker color. If you saturate the color by 10%, you get **0B3136**, and if you desaturate by 10%, it is **153336**.

Distribution



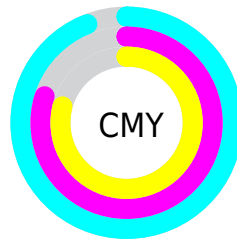
- Red (6%)
- Green (20%)
- Blue (21%)



- Red (6%)
- Yellow (13%)
- Blue (21%)



- Cyan (70%)
- Magenta (7%)
- Yellow (0%)
- Black (79%)



- Cyan (94%)
- Magenta (80%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color 103236 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 103236 by changing the saturation by 10% instead.

 103236

 103236

 FAFFFF

 001D21

 3F6065

 000009

 58797E

 000000

 719397

 8BAEB2

 A6C9CE

 C1E5EA

 DDFFFF

 103236

 103236

■ 0B3136

■ 153336

■ 053136

■ 1B3336

■ 003036

■ 203436

■ 263436

■ 2B3536

■ 303536

■ 363636

■ 3B3736

■ 413736

Harmonies

Analogous

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



16322D



103236



15313D

Triad

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



103236



392836



342D1B

Complementary

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



103236



361410

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.



3B2A1E



103236



3E272E

Square

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



103236



2F2B3D



3F2725



2A2F1E

Rectangle

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



103236



1D2F3F



3F2725



362C1C

Sweetspot

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



103236



384647



103614



1B2324



A3A3A3



242424

Same Dimension

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



103236



0B4147



101F36



191C1C



00525C



00C4DB

Inverse Universe

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



361032



470B41



362710



1C191C



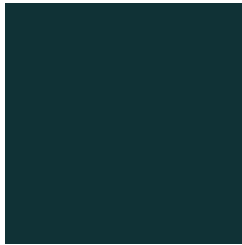
5C0052



DB00C4

Previews

White Background



This preview shows how the Hex color 103236 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

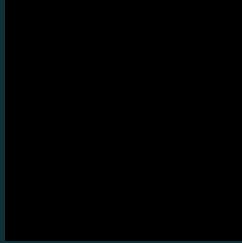
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

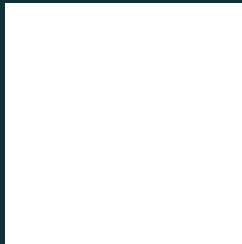
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 103236 Background



This preview shows how black text looks on a background with the Hex color 103236.



This preview shows how white text looks on a background with the Hex color 103236.

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](#).

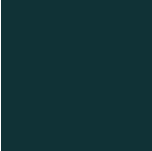
Dichromacy



Original Color
103236

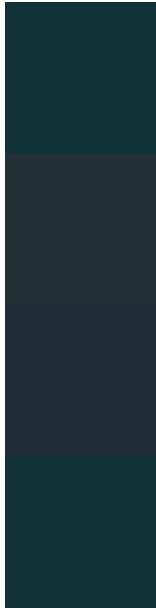
Protanopia
2D2D33

Deuteranopia
2D2C37



Tritanopia
103236

Trichromacy



Original Color
103236

Protanomaly
222F34

Deuteranomaly
222E37

Tritanomaly
103236

Monochromacy



Original Color
103236

Achromatopsia
282828

Achromatomaly
1F2C2D

CSS Examples

Text

The CSS property to change the color of the text to Hex 103236 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 #103236 looks like.

```
.text, #text, p{  
    color:#103236  
}
```

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 #103236 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #103236
}
```

Border

The CSS property to change the border of an element to Hex 103236 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
#103236 }
```

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

```
.border{ border-color:#103236 }
```

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

Here you see how a box with a 4 pixel #103236 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #103236; -webkit-box-shadow:4px 4px  
4px 4px #103236; box-shadow:4px 4px 4px  
4px #103236 }
```

Background

The CSS property to change the background color of an element to Hex 103236 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#103236 }
```

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

```
.background{ background-color:#103236 }
```

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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