

Converting Colors

Hex(103438)

Have a look what the booklet for
Hex(103438) contains.

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Color

Hex(103438)

Conversions

Conversions Part 1

Format	Color
Hex	103438
RGB	16, 52, 56
RGB Percent	6%, 20%, 22%
CMY	0.9373, 0.7961, 0.7804
CMYK	0.71, 0.07, 0.00, 0.78
HSL	186°, 56%, 14%
HSV	186°, 71%, 22%
XYZ	2.1555, 2.8517, 4.1782
YIQ	41.6920, -22.7400, -6.3880

Conversions

Conversions Part 2

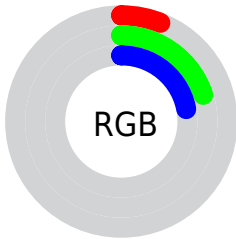
Format	Color
R_{YB}	16, 35, 56
Decimal	1061944
CIE Lab	19.44, -11.23, -6.36
CIE LCh	19, 12.905, 209.507
Yxy	2.8517, 0.2347, 0.3105
Android (android.graphics.Color)	4279252024 (0xFF103438)
YUV	41.6920, 7.0538, -22.5319
Hunter-Lab	16.8869, -6.7678, -2.8489

Details

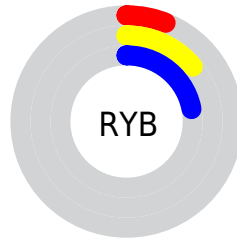
The Hex color **103438** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **381410**, and the grayscale version is **2A2A2A**.

A 20% lighter version of the original color is **406367**, and **00010D** is the 20% darker color. If you saturate the color by 10%, you get **0A3338**, and if you desaturate by 10%, it is **163538**.

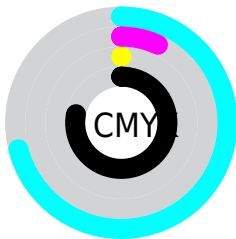
Distribution



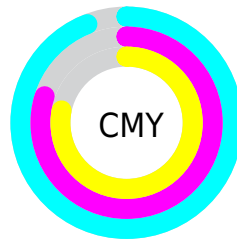
- Red (6%)
- Green (20%)
- Blue (22%)



- Red (6%)
- Yellow (14%)
- Blue (22%)



- Cyan (71%)
- Magenta (7%)
- Yellow (0%)
- Black (78%)



- Cyan (94%)
- Magenta (80%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 103438 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 103438 by changing the saturation by 10% instead.

 103438

 103438

 FBFFFF

 001F23

 406367

 00010D

 587C80

 000000

 72959A

 8CB0B5

 A6CCD0

 C2E8EC

 DEFFFF

 103438

 103438

■ 0A3338

■ 163538

■ 053338

■ 1B3538

■ 003238

■ 213638

■ 263638

■ 2C3738

■ 323738

■ 373838

■ 3D3838

■ 423938

Harmonies

Analogous

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



16342F



103438



15333F

Triad

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



103438



3B2A39



362E1C

Complementary

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



103438



381410

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.



3D2B1F



103438



412830

Square

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



103438



302D3F



422926



2C311F

Rectangle

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



103438



1E3141



422926



392D1D

Sweetspot

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



103438



3A484A



103814



1D2526



A6A6A6



262626

Same Dimension

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



103438



0A444A



102038



191C1C



00535C



00C5DB

Inverse Universe

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



381034



4A0A44



382810



1C191C



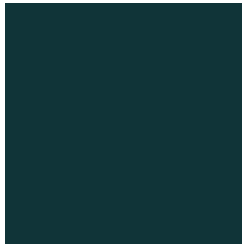
5C0053



DB00C5

Previews

White Background



This preview shows how the Hex color 103438 looks on a white background.

Color Contrast Check

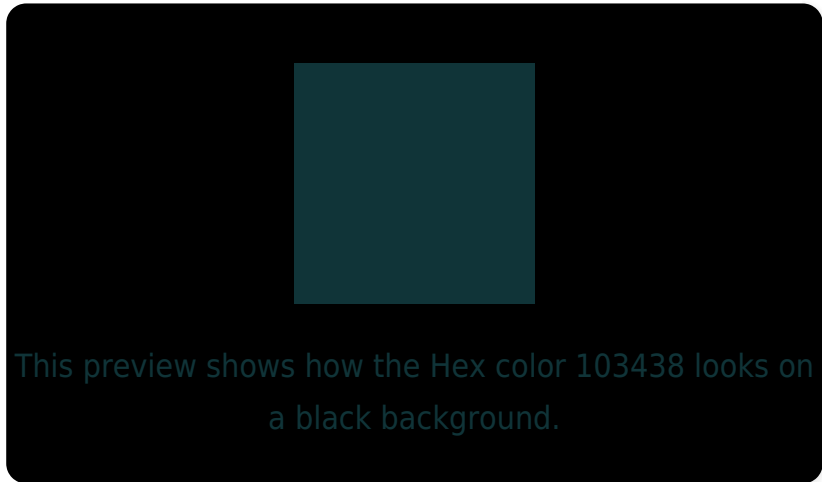
Large Text (above 18pt) WCAG AA ✓ Pass

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

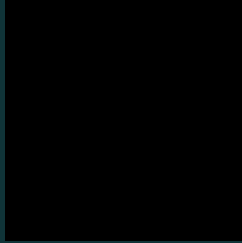
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

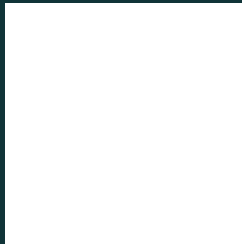
Any Text WCAG AAA × Fail

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

Hex 103438 Background



This preview shows how black text looks on a background with the Hex color 103438.

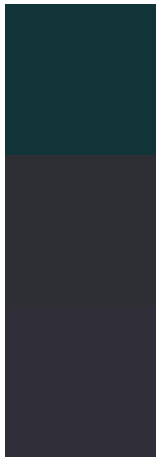


This preview shows how white text looks on a background with the Hex color 103438.

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](#).

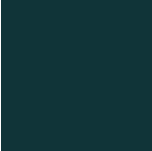
Dichromacy



Original Color
103438

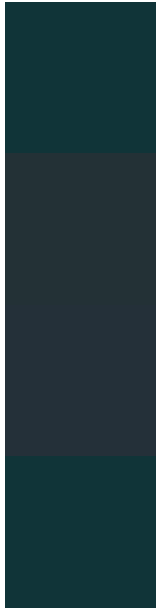
Protanopia
2E2F35

Deuteranopia
2F2E39



Tritanopia
103438

Trichromacy



Original Color
103438

Protanomaly
233136

Deuteranomaly
243039

Tritanomaly
103438

Monochromacy



Original Color
103438

Achromatopsia
2A2A2A

Achromatomaly
212E2F

CSS Examples

Text

The CSS property to change the color of the text to Hex 103438 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 #103438 looks like.

```
.text, #text, p{  
    color:#103438  
}
```

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 #103438 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #103438
}
```

Border

The CSS property to change the border of an element to Hex 103438 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
#103438 }
```

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

```
.border{ border-color:#103438 }
```

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

Here you see how a box with a 4 pixel #103438 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #103438; -webkit-box-shadow:4px 4px  
4px 4px #103438; box-shadow:4px 4px 4px  
4px #103438 }
```

Background

The CSS property to change the background color of an element to Hex 103438 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#103438 }
```

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

```
.background{ background-color:#103438 }
```

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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