

Converting Colors

Hex(103332)

Have a look what the booklet for
Hex(103332) contains.

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Color

Hex(103332)

Conversions

Conversions Part 1

Format	Color
Hex	103332
RGB	16, 51, 50
RGB Percent	6%, 20%, 20%
CMY	0.9373, 0.8000, 0.8039
CMYK	0.69, 0.00, 0.02, 0.80
HSL	178°, 52%, 13%
HSV	178°, 69%, 20%
XYZ	1.9732, 2.7081, 3.4363
YIQ	40.4210, -20.5390, -7.7310

Conversions

Conversions Part 2

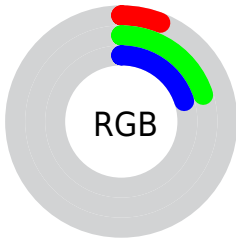
Format	Color
RYB	16, 34, 51
Decimal	1061682
CIELab	18.83, -12.73, -3.14
CIELCh	19, 13.112, 193.872
Yxy	2.7081, 0.2431, 0.3336
Android (android.graphics.Color)	4279251762 (0xFF103332)
YUV	40.4210, 4.7224, -21.4172
Hunter-Lab	16.4563, -7.3950, -0.8612

Details

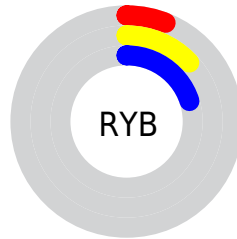
The Hex color **103332** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **331011**, and the grayscale version is **282828**.

A 20% lighter version of the original color is **3F6260**, and **000003** is the 20% darker color. If you saturate the color by 10%, you get **0B3332**, and if you desaturate by 10%, it is **153332**.

Distribution



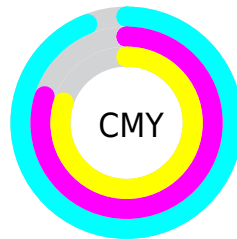
- Red (6%)
- Green (20%)
- Blue (20%)



- Red (6%)
- Yellow (13%)
- Blue (20%)



- Cyan (69%)
- Magenta (0%)
- Yellow (2%)
- Black (80%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 103332 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 103332 by changing the saturation by 10% instead.

 103332

 103332

 F9FFFF

 001E1D

 3F6260

 000003

 577A79

 000000

 709493

 8AAFAD

 A5CAC8

 C0E7E5

 DDFFFF

 103332

 103332

■ 0B3332

■ 153332

■ 063332

■ 1A3332

■ 013332

■ 1F3332

■ 003332

■ 243333

■ 2A3333

■ 2F3333

■ 343333

■ 393333

■ 3E3333

Harmonies

Analogous

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



1A3328



103332



0E323B

Triad

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



103332



352A3C



392B1C

Complementary

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



103332



331011

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.



3F2821



103332



3D2733

Square

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



103332



282D40



41272A



302F1B

Rectangle

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



103332



15313F



41272A



3B2A1D

Sweetspot

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



103332



344242



113310



192121



A1A1A1



212121

Same Dimension

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



103332



0C4241



102333



171A19



005957



00D9D3

Inverse Universe

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



331011



420C0D



332010



1A1717



590003



D90006

Previews

White Background



This preview shows how the Hex color 103332 looks on a white background.

Color Contrast Check

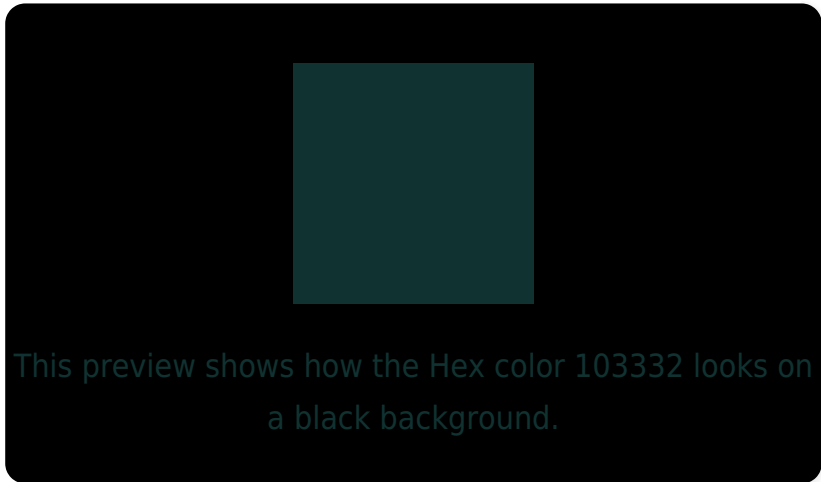
Large Text (above 18pt) WCAG AA ✓ Pass

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

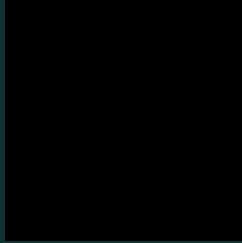
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

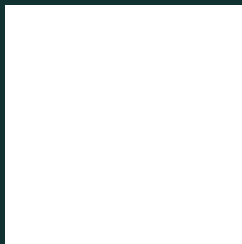
Any Text WCAG AAA × Fail

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

Hex 103332 Background



This preview shows how black text looks on a background with the Hex color 103332.

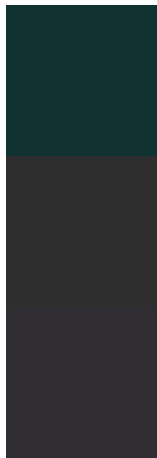


This preview shows how white text looks on a background with the Hex color 103332.

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](#).

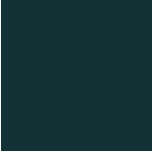
Dichromacy



Original Color
103332

Protanopia
2E2E2F

Deuteranopia
302D33



Tritanopia
123236

Trichromacy



Original Color

103332

Protanomaly

233030

Deuteranomaly

242F33

Tritanomaly

113235

Monochromacy



Original Color

103332

Achromatopsia

282828

Achromatomaly

1F2C2C

CSS Examples

Text

The CSS property to change the color of the text to Hex 103332 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 #103332 looks like.

```
.text, #text, p{  
    color:#103332  
}
```

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 #103332 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #103332
}
```

Border

The CSS property to change the border of an element to Hex 103332 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
#103332 }
```

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

```
.border{ border-color:#103332 }
```

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

Here you see how a box with a 4 pixel #103332 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #103332; -webkit-box-shadow:4px 4px  
4px 4px #103332; box-shadow:4px 4px 4px  
4px #103332 }
```

Background

The CSS property to change the background color of an element to Hex 103332 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#103332 }
```

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

```
.background{ background-color:#103332 }
```

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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