

Converting Colors

Hex(103232)

Have a look what the booklet for
Hex(103232) contains.

Hex(103232)	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(103232)

Conversions

Conversions Part 1

Format	Color
Hex	103232
RGB	16, 50, 50
RGB Percent	6%, 20%, 20%
CMY	0.9373, 0.8039, 0.8039
CMYK	0.68, 0.00, 0.00, 0.80
HSL	180°, 52%, 13%
HSV	180°, 68%, 20%
XYZ	1.9300, 2.6217, 3.4219
YIQ	39.8340, -20.2640, -7.2080

Conversions

Conversions Part 2

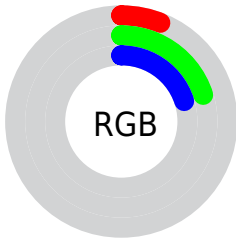
Format	Color
R_{YB}	16, 33, 50
Decimal	1061426
CIE _{Lab}	18.46, -12.13, -3.70
CIE _{LCh}	18, 12.678, 196.974
Yxy	2.6217, 0.2421, 0.3288
Android (android.graphics.Color)	4279251506 (0xFF103232)
YUV	39.8340, 5.0118, -20.9024
Hunter-Lab	16.1915, -7.0582, -1.1963

Details

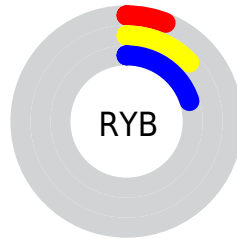
The Hex color **103232** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **321010**, and the grayscale version is **282828**.

A 20% lighter version of the original color is **3F6060**, and **000003** is the 20% darker color. If you saturate the color by 10%, you get **0B3232**, and if you desaturate by 10%, it is **153232**.

Distribution



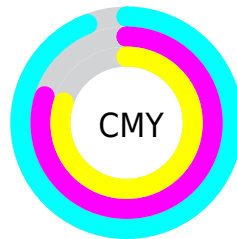
- Red (6%)
- Green (20%)
- Blue (20%)



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



- Cyan (68%)
- Magenta (0%)
- Yellow (0%)
- Black (80%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 103232 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 103232 by changing the saturation by 10% instead.

 103232

 103232

 F9FFFF

 001D1D

 3F6060

 000003

 577979

 000000

 709393

 8AAEAD

 A5C9C8

 C0E5E5

 DCFFFF

 103232

 103232

■ 0B3232

■ 153232

■ 063232

■ 1A3232

■ 013232

■ 1F3232

■ 003232

■ 243232

■ 293232

■ 2E3232

■ 333232

■ 383232

■ 3D3232

Harmonies

Analogous

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



193229



103232



10313A

Triad

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



103232



35293A



372B1B

Complementary

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



103232



321010

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.



3D2820



103232



3D2731

Square

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



103232



292C3E



3F2628



2E2E1B

Rectangle

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



103232



16303E



3F2628



392A1C

Sweetspot

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



103232



334040



103210



192121



A1A1A1



212121

Same Dimension

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



103232



0B4040



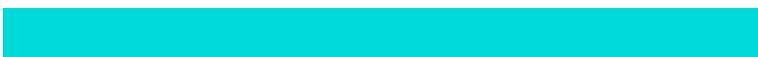
102132



171A1A



005959



00D9D9

Inverse Universe

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



321032



400B40



322110



1A171A



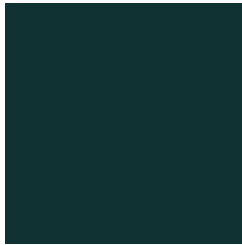
590059



D900D9

Previews

White Background



This preview shows how the Hex color 103232 looks on a white background.

Color Contrast Check

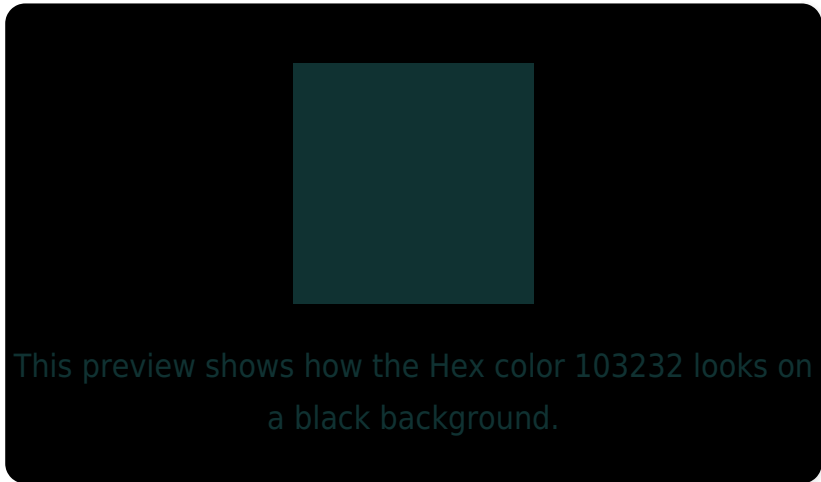
Large Text (above 18pt) WCAG AA ✓ Pass

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

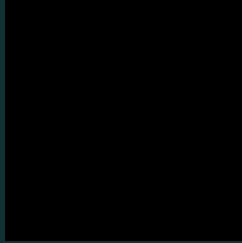
Any Text WCAG AA × Fail

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 103232 Background



This preview shows how black text looks on a background with the Hex color 103232.



This preview shows how white text looks on a background with the Hex color 103232.

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](#).

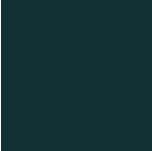
Dichromacy



Original Color
103232

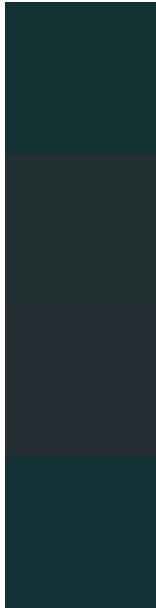
Protanopia
2D2D2F

Deuteranopia
2E2C33



Tritanopia
123135

Trichromacy



Original Color
103232

Protanomaly
222F30

Deuteranomaly
232E33

Tritanomaly
113134

Monochromacy



Original Color
103232

Achromatopsia
282828

Achromatomaly
1F2C2C

CSS Examples

Text

The CSS property to change the color of the text to Hex 103232 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 #103232 looks like.

```
.text, #text, p{  
  color:#103232  
}
```

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 #103232 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #103232
}
```

Border

The CSS property to change the border of an element to Hex 103232 is called "border". The border property can be set on classes, ids or directly on the HTML element.

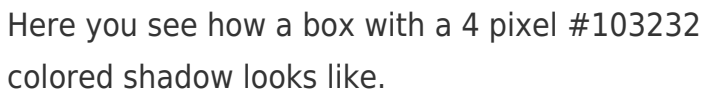
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#103232 }
```

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

```
.border{ border-color:#103232 }
```

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



Here you see how a box with a 4 pixel #103232 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #103232; -webkit-box-shadow:4px 4px  
4px 4px #103232; box-shadow:4px 4px 4px  
4px #103232 }
```

Background

The CSS property to change the background color of an element to Hex 103232 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#103232 }
```

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

```
.background{ background-color:#103232 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor