

Converting Colors

Hex(1C3232)

Have a look what the booklet for
Hex(1C3232) contains.

Hex(1C3232)	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(1C3232)

Conversions

Conversions Part 1

Format	Color
Hex	1C3232
RGB	28, 50, 50
RGB Percent	11%, 20%, 20%
CMY	0.8902, 0.8039, 0.8039
CMYK	0.44, 0.00, 0.00, 0.80
HSL	180°, 28%, 15%
HSV	180°, 44%, 20%
XYZ	2.1952, 2.7584, 3.4343
YIQ	43.4220, -13.1120, -4.6640

Conversions

Conversions Part 2

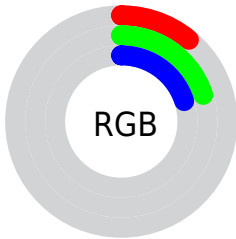
Format	Color
R_{YB}	28, 39, 50
Decimal	1847858
CIE Lab	19.05, -8.68, -2.76
CIE LCh	19, 9.111, 197.647
Yxy	2.7584, 0.2617, 0.3289
Android (android.graphics.Color)	4280037938 (0xFF1C3232)
YUV	43.4220, 3.2430, -13.5251
Hunter-Lab	16.6083, -5.4713, -0.6344

Details

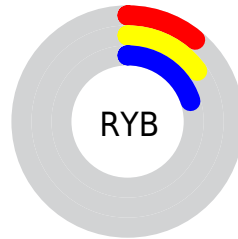
The Hex color **1C3232** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **321C1C**, and the grayscale version is **2B2B2B**.

A 20% lighter version of the original color is **496060**, and **000003** is the 20% darker color. If you saturate the color by 10%, you get **173232**, and if you desaturate by 10%, it is **213232**.

Distribution



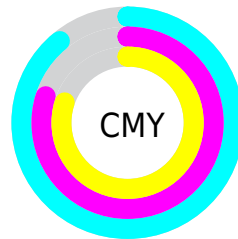
- Red (11%)
- Green (20%)
- Blue (20%)



- Red (11%)
- Yellow (15%)
- Blue (20%)



- Cyan (44%)
- Magenta (0%)
- Yellow (0%)
- Black (80%)



- Cyan (89%)
- Magenta (80%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1C3232 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 1C3232 by changing the saturation by 10% instead.

■ 1C3232

■ 1C3232

FFFFFF

■ 061D1D

■ 496060

■ 000003

■ 617979

■ 000000

■ 7A9393

■ 94ADAD

■ AFC9C8

■ CBE5E5

■ E7FFFF

■ 1C3232

■ 1C3232

■ 173232

■ 213232

■ 123232

■ 263232

■ 0D3232

■ 2B3232

■ 083232

■ 303232

■ 033232

■ 353232

■ 003232

■ 3A3232

■ 3F3232

■ 443232

■ 493232

Harmonies

Analogous

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



21322B



1C3232



1D3138

Triad

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



1C3232



342B37



362D21

Complementary

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



1C3232



321C1C

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.



3A2B25



1C3232



3A2A31

Square

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



1C3232



2C2E3B



3C2A2B



2F2F22

Rectangle

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



1C3232



20303A



3C2A2B



382C22

Sweetspot

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



1C3232



374040



1C321C



1C2121



A1A1A1



212121

Same Dimension

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



1C3232



1E4040



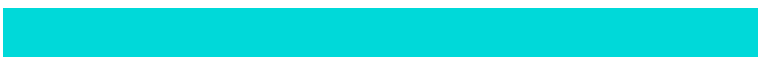
1C2732



171A1A



005959



00D9D9

Inverse Universe

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



321C32



401E40



32271C



1A171A



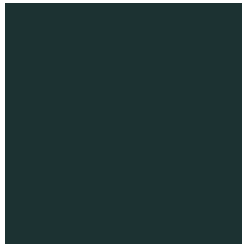
590059



D900D9

Previews

White Background



This preview shows how the Hex color 1C3232 looks on a white background.

Color Contrast Check

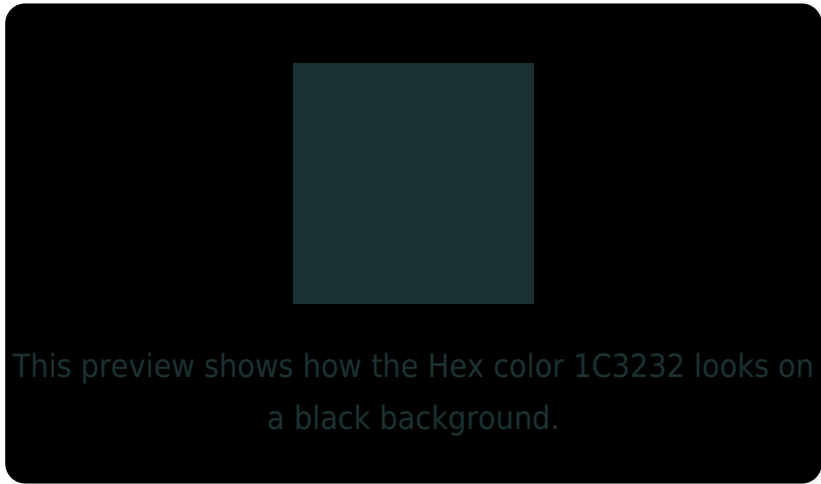
Large Text (above 18pt) WCAG AA ✓ Pass

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

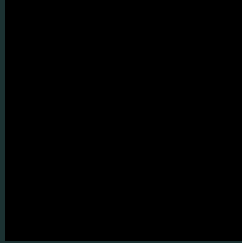
Any Text WCAG AA × Fail

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 1C3232 Background



This preview shows how black text looks on a background with the Hex color 1C3232.



This preview shows how white text looks on a background with the Hex color 1C3232.

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](#).

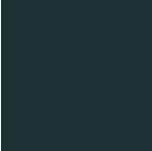
Dichromacy



Original Color
1C3232

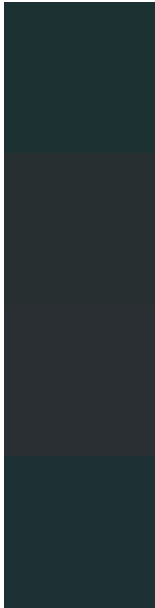
Protanopia
2F2E30

Deuteranopia
302D33



Tritanopia
1D3135

Trichromacy



Original Color
1C3232

Protanomaly
282F31

Deuteranomaly
292F33

Tritanomaly
1D3134

Monochromacy



Original Color
1C3232

Achromatopsia
2B2B2B

Achromatomaly
262E2E

CSS Examples

Text

The CSS property to change the color of the text to Hex 1C3232 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 #1C3232 looks like.

```
.text, #text, p{  
    color:#1C3232  
}
```

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 #1C3232 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1C3232
}
```

Border

The CSS property to change the border of an element to Hex 1C3232 is called "border". The border property can be set on classes, ids or directly on the HTML element.

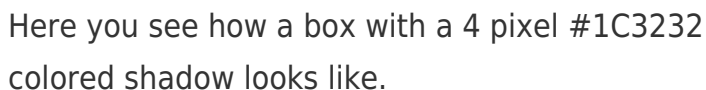
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#1C3232 }
```

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

```
.border{ border-color:#1C3232 }
```

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



Here you see how a box with a 4 pixel #1C3232 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1C3232; -webkit-box-shadow:4px 4px  
4px 4px #1C3232; box-shadow:4px 4px 4px  
4px #1C3232 }
```

Background

The CSS property to change the background color of an element to Hex 1C3232 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1C3232 }
```

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

```
.background{ background-color:#1C3232 }
```

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