

Converting Colors

Hex(3C2D19)

Have a look what the booklet for
Hex(3C2D19) contains.

Hex(3C2D19)	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(3C2D19)

Conversions

Conversions Part 1

Format	Color
Hex	3C2D19
RGB	60, 45, 25
RGB Percent	24%, 18%, 10%
CMY	0.7647, 0.8235, 0.9020
CMYK	0.00, 0.25, 0.58, 0.76
HSL	34°, 41%, 17%
HSV	34°, 58%, 24%
XYZ	2.9773, 2.9076, 1.3240
YIQ	47.2050, 15.3600, -3.0400

Conversions

Conversions Part 2

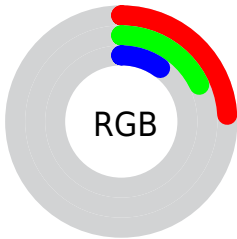
Format	Color
RYB	51, 60, 25
Decimal	3943705
CIELab	19.67, 3.87, 15.51
CIElCh	20, 15.984, 76.005
Yxy	2.9076, 0.4130, 0.4033
Android (android.graphics.Color)	4282133785 (0xFF3C2D19)
YUV	47.2050, -10.9471, 11.2212
Hunter-Lab	17.0517, 1.3266, 7.3326

Details

The Hex color **3C2D19** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **19283C**, and the grayscale version is **2F2F2F**.

A 20% lighter version of the original color is **6D5B44**, and **060000** is the 20% darker color. If you saturate the color by 10%, you get **3C2A13**, and if you desaturate by 10%, it is **3C301F**.

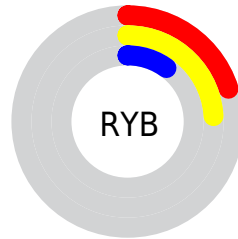
Distribution



Red (24%)

Green (18%)

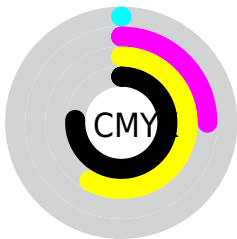
Blue (10%)



Red (20%)

Yellow (24%)

Blue (10%)

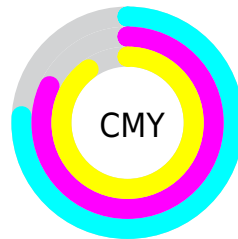


Cyan (0%)

Magenta (25%)

Yellow (58%)

Black (76%)



Cyan (76%)

Magenta (82%)

Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3C2D19 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 3C2D19 by changing the saturation by 10% instead.

■ 3C2D19

■ 3C2D19

FFFFFFD

■ 271800

■ 6D5B44

■ 060000

■ 86735C

■ 000000

■ A18D75

■ BCA78E

■ D8C2A9

■ F5DEC4

■ FFFBE0

■ 3C2D19

■ 3C2D19

■ 3C2A13

■ 3C301F

■ 3C280D

■ 3C3225

■ 3C2507

■ 3C352B

■ 3C2301

■ 3C3731

■ 3C2200

■ 3C3A37

■ 3C3C3D

■ 3C3F43

■ 3C4249

■ 3C444F

Harmonies

Analogous

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



44291F



3C2D19



313119

Triad

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



3C2D19



043636



392A40

Complementary

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



3C2D19



19283C

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.



292F46



3C2D19



013540

Square

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



3C2D19



15352A



153246



432736

Rectangle

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



3C2D19



28331C



153246



342C42

Sweetspot

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



3C2D19



4F4941



3C1928



292520



A8A8A8



292929

Same Dimension

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



3C2D19



4F3718



3A3C19



1F1D1C



5E3600



DE7F00

Inverse Universe

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



19283C



182F4F



1B193C



1C1D1F



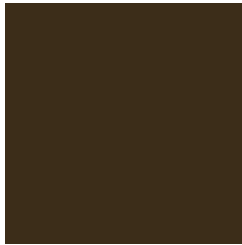
00285E



005FDE

Previews

White Background



This preview shows how the Hex color 3C2D19 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

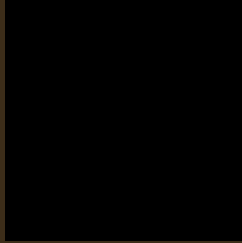
Any Text WCAG AA × Fail

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 3C2D19 Background



This preview shows how black text looks on a background with the Hex color 3C2D19.

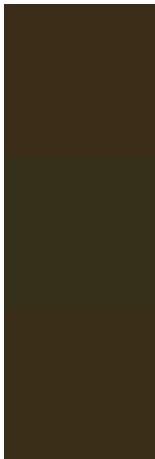


This preview shows how white text looks on a background with the Hex color 3C2D19.

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](#).

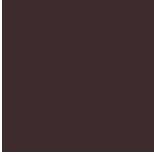
Dichromacy



Original Color
3C2D19

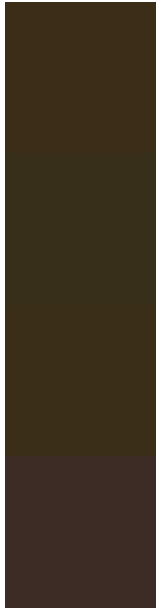
Protanopia
35301A

Deuteranopia
3B2E19



Tritanopia
3E2B2E

Trichromacy



Original Color
3C2D19

Protanomaly
382F1A

Deuteranomaly
3B2E19

Tritanomaly
3D2C26

Monochromacy



Original Color
3C2D19

Achromatopsia
2F2F2F

Achromatomaly
342E27

CSS Examples

Text

The CSS property to change the color of the text to Hex 3C2D19 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 #3C2D19 looks like.

```
.text, #text, p{  
    color:#3C2D19  
}
```

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 #3C2D19 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3C2D19
}
```

Border

The CSS property to change the border of an element to Hex 3C2D19 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
#3C2D19 }
```

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

```
.border{ border-color:#3C2D19 }
```

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

Here you see how a box with a 4 pixel #3C2D19 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3C2D19; -webkit-box-shadow:4px 4px  
4px 4px #3C2D19; box-shadow:4px 4px 4px  
4px #3C2D19 }
```

Background

The CSS property to change the background color of an element to Hex 3C2D19 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3C2D19 }
```

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

```
.background{ background-color:#3C2D19 }
```

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