

Converting Colors

Hex(3C2125)

Have a look what the booklet for
Hex(3C2125) contains.

Hex(3C2125)	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(3C2125)

Conversions

Conversions Part 1

Format	Color
Hex	3C2125
RGB	60, 33, 37
RGB Percent	24%, 13%, 15%
CMY	0.7647, 0.8706, 0.8549
CMYK	0.00, 0.45, 0.38, 0.76
HSL	351°, 29%, 18%
HSV	351°, 45%, 24%
XYZ	2.7413, 2.1819, 2.0269
YIQ	41.5290, 14.8080, 6.9680

Conversions

Conversions Part 2

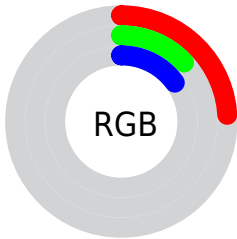
Format	Color
RYB	60, 33, 37
Decimal	3940645
CIELab	16.41, 13.62, 2.88
CIELCh	16, 13.919, 11.947
Yxy	2.1819, 0.3944, 0.3139
Android (android.graphics.Color)	4282130725 (0xFF3C2125)
YUV	41.5290, -2.2328, 16.1991
Hunter-Lab	14.7714, 7.2759, 2.2042

Details

The Hex color **3C2125** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **213C38**, and the grayscale version is **2A2A2A**.

A 20% lighter version of the original color is **6C4E52**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **3C1B20**, and if you desaturate by 10%, it is **3C272A**.

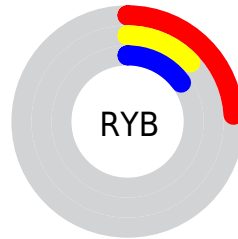
Distribution



Red (24%)

Green (13%)

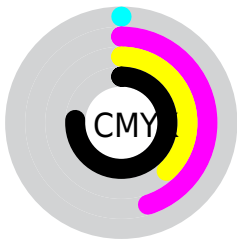
Blue (15%)



Red (24%)

Yellow (13%)

Blue (15%)

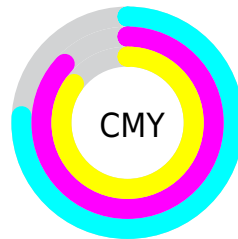


Cyan (0%)

Magenta (45%)

Yellow (38%)

Black (76%)



Cyan (76%)

Magenta (87%)

Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3C2125 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 3C2125 by changing the saturation by 10% instead.

■ 3C2125

■ 3C2125

FFFFFF

■ 260C10

■ 6C4E52

■ 000000

■ 86666A

■ A17F83

■ BC999D

■ D8B4B8

■ F4CFD3

■ FFECF0

■ 3C2125

■ 3C2125

■ 3C1B20

■ 3C272A

■ 3C151B

■ 3C2D2F

■ 3C0F16

■ 3C3334

■ 3C0911

■ 3C3939

■ 3C030B

■ 3C3F3F

■ 3C0009

■ 3C4544

■ 3C4B49

■ 3C514E

■ 3C5753

Harmonies

Analogous

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



38222F



3C2125



3A231C

Triad

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



3C2125



202C1A



102B3B

Complementary

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



3C2125



213C38

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.



032D36



3C2125



142E22

Square

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



3C2125



2B2915



072E2C



21283C

Rectangle

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



3C2125



372517



072E2C



0A2C3A

Sweetspot

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



3C2125



4F4446



38213C



292223



A8A8A8



292929

Same Dimension

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



3C2125



4F242B



3C2A21



1F1C1C



5E000E



DE0021

Inverse Universe

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



3C2125



4F242B



21333C



1F1C1C



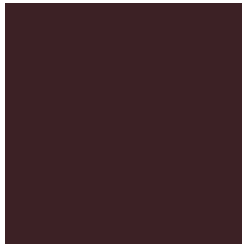
5E000E



DE0021

Previews

White Background



This preview shows how the Hex color 3C2125 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

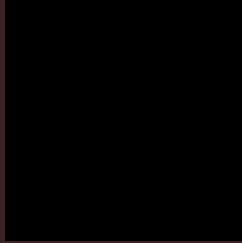
Any Text WCAG AA × Fail

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 3C2125 Background



This preview shows how black text looks on a background with the Hex color 3C2125.

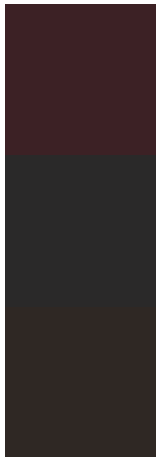


This preview shows how white text looks on a background with the Hex color 3C2125.

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

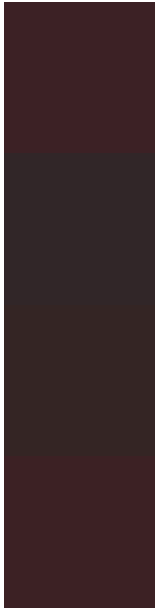


Original Color
3C2125

Protanopia
2A2929

Deuteranopia
2F2824

Trichromacy



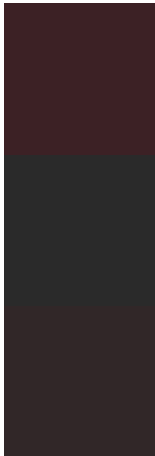
Original Color
3C2125

Protanomaly
312628

Deuteranomaly
342524

Tritanomaly
3C2124

Monochromacy



Original Color
3C2125

Achromatopsia
2A2A2A

Achromatomaly
312728

CSS Examples

Text

The CSS property to change the color of the text to Hex 3C2125 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 #3C2125 looks like.

```
.text, #text, p{  
    color:#3C2125  
}
```

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 #3C2125 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3C2125
}
```

Border

The CSS property to change the border of an element to Hex 3C2125 is called "border". The border property can be set on classes, ids or directly on the HTML element.

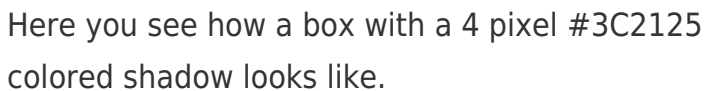
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3C2125 }
```

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

```
.border{ border-color:#3C2125 }
```

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



Here you see how a box with a 4 pixel #3C2125 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3C2125; -webkit-box-shadow:4px 4px  
4px 4px #3C2125; box-shadow:4px 4px 4px  
4px #3C2125 }
```

Background

The CSS property to change the background color of an element to Hex 3C2125 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3C2125 }
```

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

```
.background{ background-color:#3C2125 }
```

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