

# Converting Colors

Hex(3C3427)

Have a look what the booklet for  
Hex(3C3427) contains.

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# Color

Hex(3C3427)

# Conversions

## Conversions Part 1

Format	Color
Hex	3C3427
RGB	60, 52, 39
RGB Percent	24%, 20%, 15%
CMY	0.7647, 0.7961, 0.8471
CMYK	0.00, 0.13, 0.35, 0.76
HSL	37°, 21%, 19%
HSV	37°, 35%, 24%
XYZ	3.4577, 3.5631, 2.4250
YIQ	52.9100, 8.9410, -2.3470

# Conversions

## Conversions Part 2

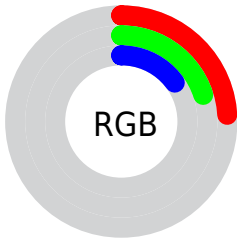
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	52, 60, 39
Decimal	3945511
CIE Lab	22.17, 1.14, 9.54
CIE LCh	22, 9.610, 83.173
Yxy	3.5631, 0.3661, 0.3772
Android (android.graphics.Color)	4282135591 (0xFF3C3427)
YUV	52.9100, -6.8576, 6.2179
Hunter-Lab	18.8762, -0.3365, 5.5966

# Details

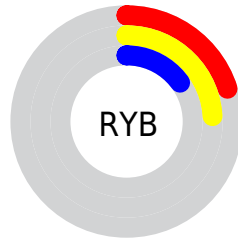
The Hex color **3C3427** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **272F3C**, and the grayscale version is **353535**.

A 20% lighter version of the original color is **6C6254**, and **0F0700** is the 20% darker color. If you saturate the color by 10%, you get **3C3221**, and if you desaturate by 10%, it is **3C362D**.

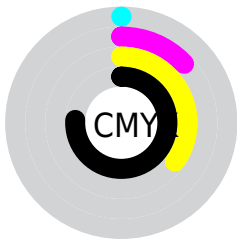
# Distribution



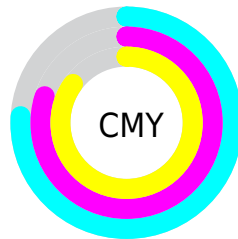
- Red (24%)
- Green (20%)
- Blue (15%)



- Red (20%)
- Yellow (24%)
- Blue (15%)



- Cyan (0%)
- Magenta (13%)
- Yellow (35%)
- Black (76%)



- Cyan (76%)
- Magenta (80%)
- Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3C3427 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 3C3427 by changing the saturation by 10% instead.





3C3427



3C3427

FFFFFF



261F13



6C6254



0F0700



857B6C



000000



9F9586



BAB0A0



D6CBBB



F3E7D6



FFFFFF3



3C3427



3C3427

■ 3C3221

■ 3C362D

■ 3C2F1B

■ 3C3933

■ 3C2D15

■ 3C3B39

■ 3C2B0F

■ 3C3D3F

■ 3C2909

■ 3C3F45

■ 3C2603

■ 3C424B

■ 3C2500

■ 3C4451

■ 3C4657

■ 3C495D

# Harmonies

## Analogous

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



41322A



3C3427



353628

# Triad

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



3C3427



21393A



3D313E

# Complementary

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



3C3427



272F3C

# 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.



343442



3C3427



233840

# Square

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



3C3427



253933



2B3643



423037

# Rectangle

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



3C3427



2F382B



2B3643



3A323F



# Sweetspot

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



3C3427



4F4C46



3C272F



292723



A8A8A8



292929



# Same Dimension

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



3C3427



4F422E



3A3C27



1F1D1C



5E3A00



DE8900



# Inverse Universe

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



272F3C



2E3A4F



29273C



1C1D1F



00245E



0055DE



# Previews

## White Background



This preview shows how the Hex color 3C3427 looks on a white background.

## Color Contrast Check

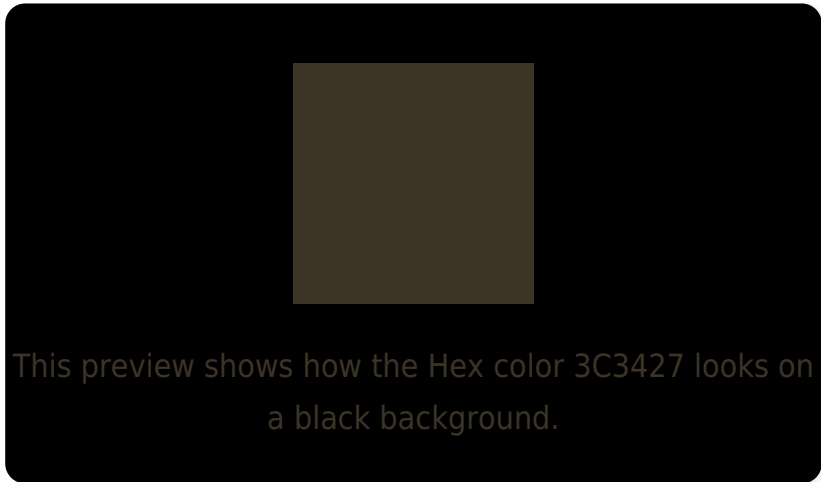
Large Text (above 18pt) WCAG AA ✓ Pass

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

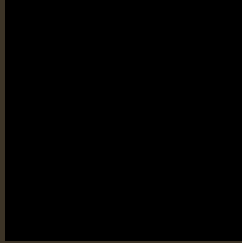
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 3C3427 Background



This preview shows how black text looks on a background with the Hex color 3C3427.

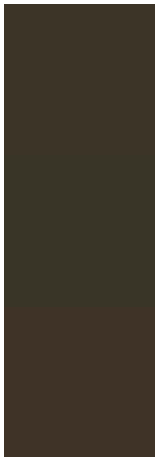


This preview shows how white text looks on a background with the Hex color 3C3427.

# 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](#).

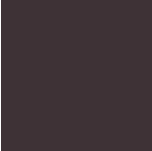
## Dichromacy



**Original Color**  
3C3427

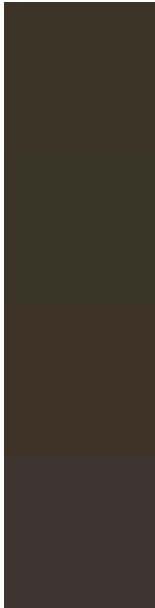
**Protanopia**  
393527

**Deuteranopia**  
3F3327



**Tritanopia**  
3E3236

# Trichromacy



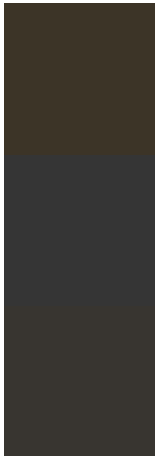
**Original Color**  
3C3427

**Protanomaly**  
3A3527

**Deuteranomaly**  
3E3327

**Tritanomaly**  
3D3331

# Monochromacy



**Original Color**  
3C3427

**Achromatopsia**  
353535

**Achromatomaly**  
383530

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3C3427 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 #3C3427 looks like.

```
.text, #text, p{  
    color:#3C3427  
}
```

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 #3C3427 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3C3427
}
```

## Border

The CSS property to change the border of an element to Hex 3C3427 is called "border". The border property can be set on classes, ids or directly on the HTML element.

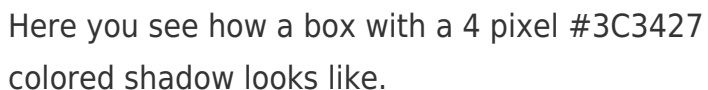
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3C3427 }
```

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

```
.border{ border-color:#3C3427 }
```

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



Here you see how a box with a 4 pixel #3C3427 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3C3427; -webkit-box-shadow:4px 4px  
4px 4px #3C3427; box-shadow:4px 4px 4px  
4px #3C3427 }
```

# Background

The CSS property to change the background color of an element to Hex 3C3427 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3C3427 }
```

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

```
.background{ background-color:#3C3427 }
```

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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