

# Converting Colors

Hex(3F2A30)

Have a look what the booklet for  
Hex(3F2A30) contains.

<b>Hex(3F2A30)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

Hex(3F2A30)

# Conversions

## Conversions Part 1

Format	Color
Hex	3F2A30
RGB	63, 42, 48
RGB Percent	25%, 16%, 19%
CMY	0.7529, 0.8353, 0.8118
CMYK	0.00, 0.33, 0.24, 0.75
HSL	343°, 20%, 21%
HSV	343°, 33%, 25%
XYZ	3.4114, 2.9261, 3.1813
YIQ	48.9630, 10.5900, 6.3180

# Conversions

## Conversions Part 2

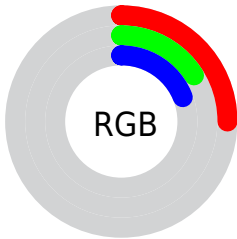
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	63, 42, 48
Decimal	4139568
CIE Lab	19.75, 10.85, 0.03
CIE LCh	20, 10.855, 0.161
Yxy	2.9261, 0.3584, 0.3074
Android (android.graphics.Color)	4282329648 (0xFF3F2A30)
YUV	48.9630, -0.4748, 12.3104
Hunter-Lab	17.1058, 5.6626, 0.9475

# Details

The Hex color **3F2A30** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **2A3F39**, and the grayscale version is **313131**.

A 20% lighter version of the original color is **6F585E**, and **150000** is the 20% darker color. If you saturate the color by 10%, you get **3F242C**, and if you desaturate by 10%, it is **3F3035**.

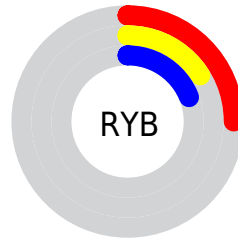
# Distribution



 Red (25%)

 Green (16%)

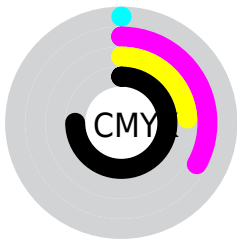
 Blue (19%)




 Red (25%)

 Yellow (16%)

 Blue (19%)

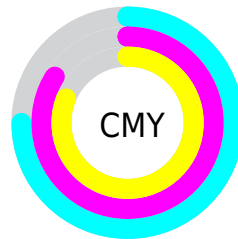


 Cyan (0%)

 Magenta (33%)

 Yellow (24%)

 Black (75%)



 Cyan (75%)

 Magenta (84%)

 Yellow (81%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3F2A30 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 3F2A30 by changing the saturation by 10% instead.





3F2A30



3F2A30

FFFFFF



29151B



6F585E



150000



897077



000000



A38990



BEA4AB



DABFC6



F7DBE2



FFF7FF



3F2A30



3F2A30

■ 3F242C

■ 3F3035

■ 3F1D27

■ 3F3739

■ 3F1723

■ 3F3D3E

■ 3F111E

■ 3F4342

■ 3F0A19

■ 3F4A47

■ 3F0415

■ 3F504B

■ 3F0012

■ 3F5650

■ 3F5C54

■ 3F6359

# Harmonies

## Analogous

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



3A2B38



3F2A30



402B28

# Triad

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



3F2A30



2D3222



1C333D

# Complementary

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



3F2A30



2A3F39

# 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.



183437



3F2A30



243328

# Square

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



3F2A30



352F20



1C3430



26303F

# Rectangle

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



3F2A30



3E2C24



1C3430



1A333C



# Sweetspot

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



3F2A30



52494C



392A3F



292425



A8A8A8



292929



# Same Dimension

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



3F2A30



52313A



3F2E2A



1F1C1C



5E001B



DE003F



# Inverse Universe

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



3F2A30



52313A



2A3B3F



1F1C1C



5E001B

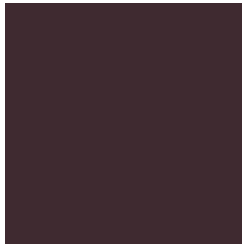


DE003F



# Previews

## White Background



This preview shows how the Hex color 3F2A30 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 3F2A30 Background



This preview shows how black text looks on a background with the Hex color 3F2A30.

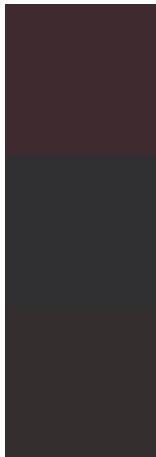


This preview shows how white text looks on a background with the Hex color 3F2A30.

# 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**  
3F2A30

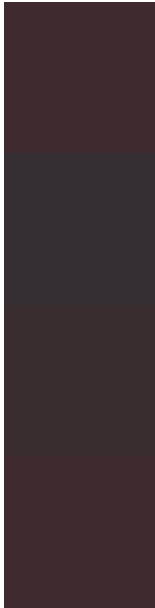
**Protanopia**  
303033

**Deuteranopia**  
352E2F



**Tritanopia**  
3F2A2E

# Trichromacy



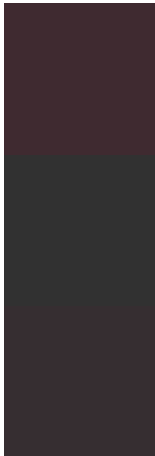
**Original Color**  
3F2A30

**Protanomaly**  
352E32

**Deuteranomaly**  
392D2F

**Tritanomaly**  
3F2A2F

# Monochromacy



**Original Color**  
3F2A30

**Achromatopsia**  
313131

**Achromatomaly**  
362E31

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3F2A30 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 #3F2A30 looks like.

```
.text, #text, p{  
    color:#3F2A30  
}
```

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 #3F2A30 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3F2A30
}
```

## Border

The CSS property to change the border of an element to Hex 3F2A30 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
#3F2A30 }
```

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

```
.border{ border-color:#3F2A30 }
```

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

Here you see how a box with a 4 pixel #3F2A30 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3F2A30; -webkit-box-shadow:4px 4px  
4px 4px #3F2A30; box-shadow:4px 4px 4px  
4px #3F2A30 }
```

# Background

The CSS property to change the background color of an element to Hex 3F2A30 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3F2A30 }
```

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

```
.background{ background-color:#3F2A30 }
```

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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