

Converting Colors

Hex(3F3221)

Have a look what the booklet for
Hex(3F3221) contains.

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Color

Hex(3F3221)

Conversions

Conversions Part 1

Format	Color
Hex	3F3221
RGB	63, 50, 33
RGB Percent	25%, 20%, 13%
CMY	0.7529, 0.8039, 0.8706
CMYK	0.00, 0.21, 0.48, 0.75
HSL	34°, 31%, 19%
HSV	34°, 48%, 25%
XYZ	3.4650, 3.4478, 1.9217
YIQ	51.9490, 13.2050, -2.5310

Conversions

Conversions Part 2

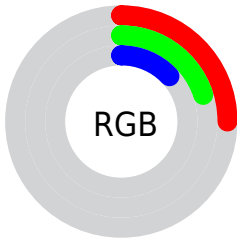
Format	Color
R_{YB}	56, 63, 33
Decimal	4141601
CIE _{Lab}	21.75, 3.05, 13.02
CIE _{LCh}	22, 13.376, 76.799
Yxy	3.4478, 0.3922, 0.3903
Android (android.graphics.Color)	4282331681 (0xFF3F3221)
YUV	51.9490, -9.3419, 9.6917
Hunter-Lab	18.5682, 0.8156, 6.8615




Details

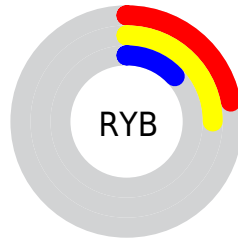
The Hex color **3F3221** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **212E3F**, and the grayscale version is **343434**.




A 20% lighter version of the original color is **70604D**, and **110400** is the 20% darker color. If you saturate the color by 10%, you get **3F2F1B**, and if you desaturate by 10%, it is **3F3527**.

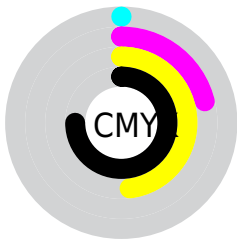
Distribution







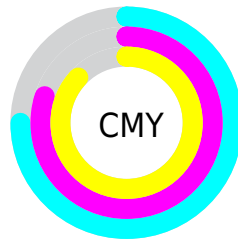
-  Red (25%)
-  Green (20%)
-  Blue (13%)






-  Red (22%)
-  Yellow (25%)
-  Blue (13%)



-  Cyan (0%)
-  Magenta (21%)
-  Yellow (48%)
-  Black (75%)



-  Cyan (75%)
-  Magenta (80%)
-  Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3F3221 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 3F3221 by changing the saturation by 10% instead.



3F3221



3F3221

FFFFFF



291D0B



70604D



110400



897965



000000



A4937E



BFAD98



DBC8B3



F8E5CF



FFFFEB



3F3221



3F3221

■ 3F2F1B

■ 3F3527

■ 3F2D14

■ 3F372E

■ 3F2A0E

■ 3F3A34

■ 3F2708

■ 3F3D3A

■ 3F2402

■ 3F4041

■ 3F2400

■ 3F4247

■ 3F454D

■ 3F4853

■ 3F4B5A

Harmonies

Analogous

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



462F26



3F3221



353521

Triad

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



3F3221



163A39



3C3042

Complementary

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



3F3221



212E3F

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.



2F3347



3F3221



163942

Square

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



3F3221



1F392F



213647



452D39

Rectangle

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



3F3221



2E3724



213647



383144

Sweetspot

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



3F3221



524D46



3F212E



292622



A8A8A8



292929

Same Dimension

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



3F3221



523D23



3E3F21



1F1D1C



5E3500



DE7E00

Inverse Universe

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



212E3F



233752



23213F



1C1D1F



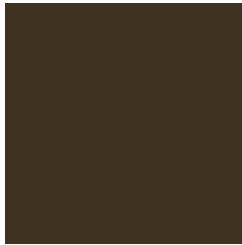
00295E



0060DE

Previews

White Background



This preview shows how the Hex color 3F3221 looks on a white background.

Color Contrast Check

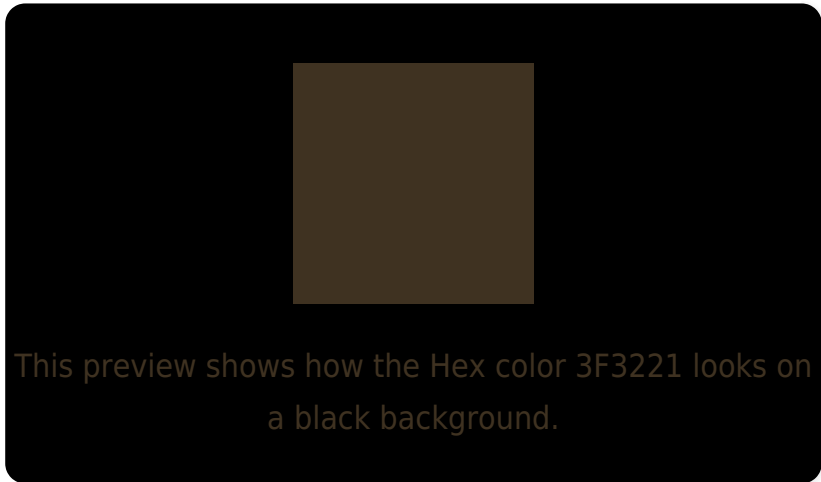
Large Text (above 18pt) WCAG AA ✓ Pass

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

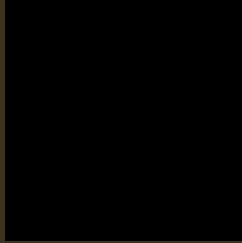
Any Text WCAG AA × Fail

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 3F3221 Background



This preview shows how black text looks on a background with the Hex color 3F3221.

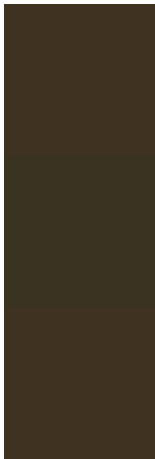


This preview shows how white text looks on a background with the Hex color 3F3221.

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](#).

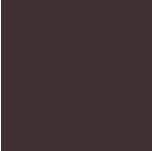
Dichromacy



Original Color
3F3221

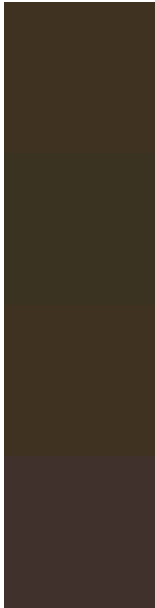
Protanopia
393422

Deuteranopia
3F3221



Tritanopia
413033

Trichromacy



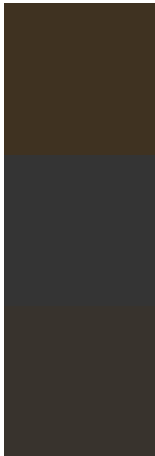
Original Color
3F3221

Protanomaly
3B3322

Deuteranomaly
3F3221

Tritanomaly
40312C

Monochromacy



Original Color
3F3221

Achromatopsia
343434

Achromatomaly
38332D

CSS Examples

Text

The CSS property to change the color of the text to Hex 3F3221 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 #3F3221 looks like.

```
.text, #text, p{  
    color:#3F3221  
}
```

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 #3F3221 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3F3221  
}
```

Border

The CSS property to change the border of an element to Hex 3F3221 is called "border". The border property can be set on classes, ids or directly on the HTML element.

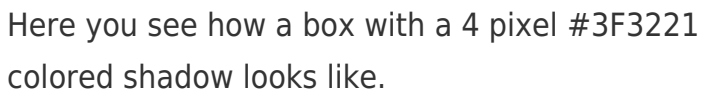
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#3F3221 }
```

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

```
.border{ border-color:#3F3221 }
```

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



Here you see how a box with a 4 pixel #3F3221 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3F3221; -webkit-box-shadow:4px 4px  
4px 4px #3F3221; box-shadow:4px 4px 4px  
4px #3F3221 }
```

Background

The CSS property to change the background color of an element to Hex 3F3221 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3F3221 }
```

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

```
.background{ background-color:#3F3221 }
```

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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