

# Converting Colors

Hex(70702B)

Have a look what the booklet for  
Hex(70702B) contains.

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**Color**

**Hex(70702B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	70702B
RGB	112, 112, 43
RGB Percent	44%, 44%, 17%
CMY	0.5608, 0.5608, 0.8314
CMYK	0.00, 0.00, 0.62, 0.56
HSL	60°, 45%, 30%
HSV	60°, 62%, 44%
XYZ	12.9123, 15.2075, 4.5403
YIQ	104.1340, 22.1490, -21.4590

# Conversions

## Conversions Part 2

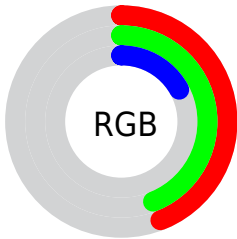
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	43, 112, 43
Decimal	7368747
CIE Lab	45.92, -9.85, 37.40
CIE LCh	46, 38.675, 104.754
Yxy	15.2075, 0.3954, 0.4656
Android (android.graphics.Color)	4285558827 (0xFF70702B)
YUV	104.1340, -30.1391, 6.8985
Hunter-Lab	38.9968, -9.1409, 20.3948

# Details

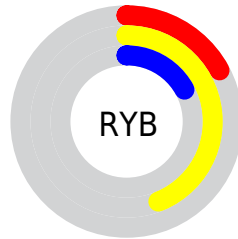
The Hex color **70702B** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **2B2B70**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **A6A45C**, and **3E4000** is the 20% darker color. If you saturate the color by 10%, you get **707020**, and if you desaturate by 10%, it is **707036**.

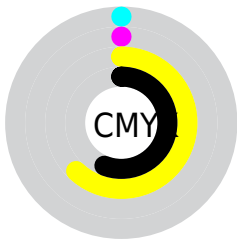
# Distribution



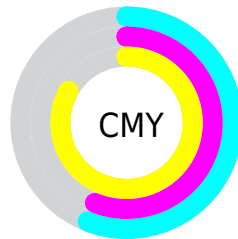
- Red (44%)
- Green (44%)
- Blue (17%)



- Red (17%)
- Yellow (44%)
- Blue (17%)



- Cyan (0%)
- Magenta (0%)
- Yellow (62%)
- Black (56%)



- Cyan (56%)
- Magenta (56%)
- Yellow (83%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 70702B 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 70702B by changing the saturation by 10% instead.





70702B



70702B

FFFFFF



565812



A6A45C



3E4000



C1BF75



262B00



DEDA8F



081700



FBF7AA



000000



FFFFC6



FFFFE2



70702B



70702B



707020



707036

■ 707015

■ 707041

■ 707009

■ 70704D

■ 707000

■ 707058

■ 707063

■ 70706E

■ 707079

■ 707085

■ 707090

# Harmonies

## Analogous

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



8D652D



70702B



4C783D

# Triad

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



70702B



007B99



A0537F

# Complementary

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



70702B



2B2B70

# 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.



845E9B



70702B



0075AB

# Square

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



70702B



007D7C



526BAB



A9515E

# Rectangle

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



70702B



2A7B50



526BAB



995689



# Sweetspot

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



70702B



919177



702B2B



4A4A3A



C9C9C9



4A4A4A



# Same Dimension

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



70702B



919126



4E702B



383832



787800



F7F700



# Inverse Universe

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



2B2B70



262691



4E2B70



323238



000078



0000F7



# Previews

## White Background



This preview shows how the Hex color 70702B looks on a white background.

## Color Contrast Check

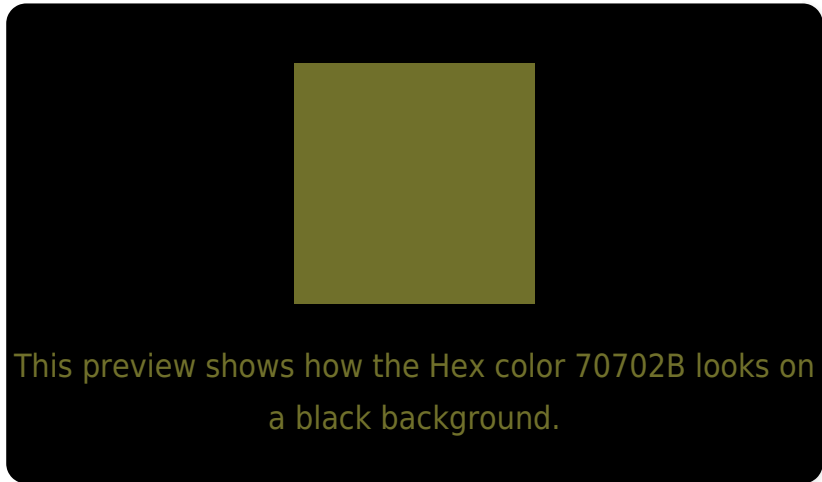
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

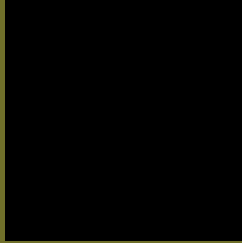
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 70702B Background



This preview shows how black text looks on a background with the Hex color 70702B.



This preview shows how white text looks on a background with the Hex color 70702B.

# 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**  
70702B

**Protanopia**  
796D2A

**Deuteranopia**  
87672E



**Tritanopia**  
776971

# Trichromacy



**Original Color**  
70702B

**Protanomaly**  
766E2A

**Deuteranomaly**  
7F6A2D

**Tritanomaly**  
746C58

# Monochromacy



**Original Color**  
70702B

**Achromatopsia**  
686868

**Achromatomaly**  
6B6B52

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 70702B 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 #70702B looks like.

```
.text, #text, p{  
    color:#70702B  
}
```

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 #70702B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #70702B
}
```

## Border

The CSS property to change the border of an element to Hex 70702B 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
#70702B }
```

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

```
.border{ border-color:#70702B }
```

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

Here you see how a box with a 4 pixel #70702B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #70702B; -webkit-box-shadow:4px 4px  
4px 4px #70702B; box-shadow:4px 4px 4px  
4px #70702B }
```

# Background

The CSS property to change the background color of an element to Hex 70702B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#70702B }
```

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

```
.background{ background-color:#70702B }
```

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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