

Converting Colors

Hex(50722B)

Have a look what the booklet for
Hex(50722B) contains.

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Color

Hex(50722B)

Conversions

Conversions Part 1

Format	Color
Hex	50722B
RGB	80, 114, 43
RGB Percent	31%, 45%, 17%
CMY	0.6863, 0.5529, 0.8314
CMYK	0.30, 0.00, 0.62, 0.55
HSL	89°, 45%, 31%
HSV	89°, 62%, 45%
XYZ	9.7616, 13.9145, 4.4568
YIQ	95.7400, 2.5270, -29.2890

Conversions

Conversions Part 2

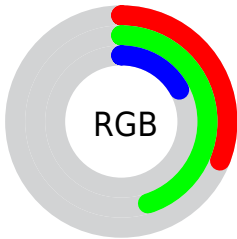
Format	Color
RYB	43, 114, 77
Decimal	5272107
CIELab	44.11, -24.94, 34.71
CIELCh	44, 42.744, 125.700
Yxy	13.9145, 0.3470, 0.4946
Android (android.graphics.Color)	4283462187 (0xFF50722B)
YUV	95.7400, -26.0008, -13.8040
Hunter-Lab	37.3022, -18.5670, 19.0277

Details

The Hex color **50722B** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **4D2B72**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **83A65B**, and **1F4200** is the 20% darker color. If you saturate the color by 10%, you get **4B7220**, and if you desaturate by 10%, it is **557236**.

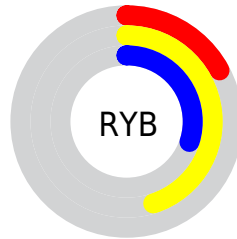
Distribution



Red (31%)

Green (45%)

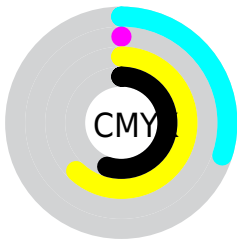
Blue (17%)



Red (17%)

Yellow (45%)

Blue (30%)

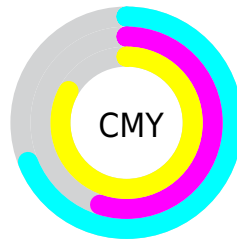


Cyan (30%)

Magenta (0%)

Yellow (62%)

Black (55%)



Cyan (69%)

Magenta (55%)

Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color 50722B 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 50722B by changing the saturation by 10% instead.

 50722B

 50722B

FFFFFF

 375913

 83A65B

 1F4200

 9EC175

 052B00

 BADD8F

 001700

 D6FAAA

 000000

 F3FFC5

 FFFFE2

 50722B

 50722B

 4B7220

 557236

■ 457214

■ 5B7242

■ 407209

■ 60724D

■ 3B7200

■ 667259

■ 6B7264

■ 71726F

■ 76727B

■ 7C7286

■ 817292

Harmonies

Analogous

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



75691C



50722B



11774A

Triad

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



50722B



0074A9



A94863

Complementary

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



50722B



4D2B72

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.



994E86



50722B



2B6AAF

Square

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



50722B



007991



735CA2



A54E41

Rectangle

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



50722B



007962



735CA2



A6486F

Sweetspot

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



50722B



869478



724C2B



424A39



C9C9C9



4A4A4A

Same Dimension

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



50722B



5F9425



2D722B



353832



3E7800



81F700

Inverse Universe

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



4D2B72



5A2594



702B72



353238



390078



7600F7

Previews

White Background



This preview shows how the Hex color 50722B looks on a white background.

Color Contrast Check

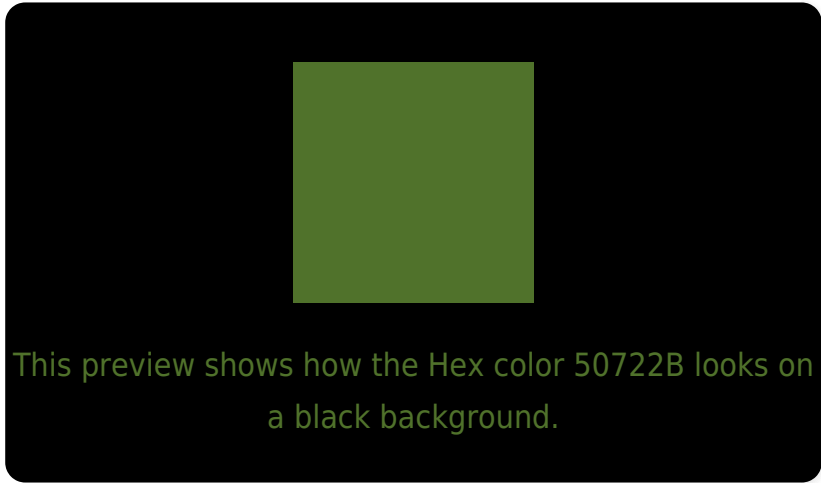
Large Text (above 18pt) WCAG AA ✓ Pass

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 50722B Background



This preview shows how black text looks on a background with the Hex color 50722B.



This preview shows how white text looks on a background with the Hex color 50722B.

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](#).

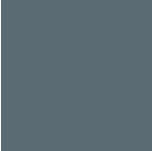
Dichromacy



Original Color
50722B

Protanopia
746828

Deuteranopia
816330



Tritanopia
5A6B73

Trichromacy



Original Color
50722B

Protanomaly
676C29

Deuteranomaly
6F682E

Tritanomaly
566E59

Monochromacy



Original Color
50722B

Achromatopsia
606060

Achromatomaly
5A674D

CSS Examples

Text

The CSS property to change the color of the text to Hex 50722B 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 #50722B looks like.

```
.text, #text, p{  
    color:#50722B  
}
```

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 #50722B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #50722B
}
```

Border

The CSS property to change the border of an element to Hex 50722B 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".

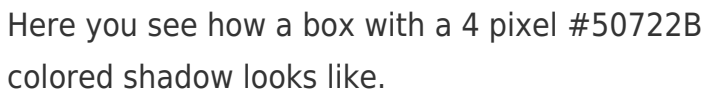
```
.border, #border, table{ border:4px solid
#50722B }
```

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

```
.border{ border-color:#50722B }
```

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

Here you see how a box with a 4 pixel #50722B colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #50722B; -webkit-box-shadow:4px 4px  
4px 4px #50722B; box-shadow:4px 4px 4px  
4px #50722B }
```

Background

The CSS property to change the background color of an element to Hex 50722B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#50722B }
```

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

```
.background{ background-color:#50722B }
```

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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