

Converting Colors

Hex(527B2A)

Have a look what the booklet for
Hex(527B2A) contains.

Hex(527B2A)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(527B2A)

Conversions

Conversions Part 1

Format	Color
Hex	527B2A
RGB	82, 123, 42
RGB Percent	32%, 48%, 16%
CMY	0.6784, 0.5176, 0.8353
CMYK	0.33, 0.00, 0.66, 0.52
HSL	90°, 49%, 32%
HSV	90°, 66%, 48%
XYZ	10.9806, 16.1269, 4.7246
YIQ	101.5070, 1.5650, -33.8830

Conversions

Conversions Part 2

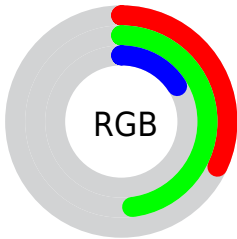
Format	Color
R_{YB}	42, 123, 83
Decimal	5405482
CIE _{Lab}	47.14, -28.64, 38.58
CIE _{LCh}	47, 48.051, 126.585
Yxy	16.1269, 0.3450, 0.5066
Android (android.graphics.Color)	4283595562 (0xFF527B2A)
YUV	101.5070, -29.3370, -17.1076
Hunter-Lab	40.1583, -21.4696, 21.1355

Details

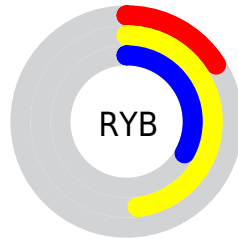
The Hex color **527B2A** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **532A7B**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **86B05B**, and **1F4A00** is the 20% darker color. If you saturate the color by 10%, you get **4C7B1E**, and if you desaturate by 10%, it is **587B36**.

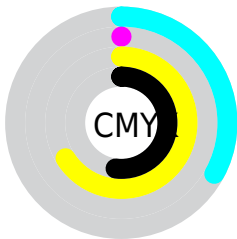
Distribution



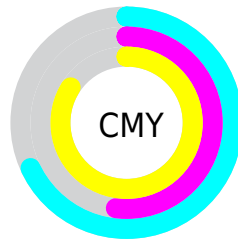
- Red (32%)
- Green (48%)
- Blue (16%)



- Red (16%)
- Yellow (48%)
- Blue (33%)



- Cyan (33%)
- Magenta (0%)
- Yellow (66%)
- Black (52%)



- Cyan (68%)
- Magenta (52%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 527B2A 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 527B2A by changing the saturation by 10% instead.



527B2A



527B2A

FFFFFF



396210



86B05B



1F4A00



A1CB75



033300



BDE88F



002000



D9FFAA



000000



F6FFC6



FFFFE2



527B2A



527B2A



4C7B1E



587B36

■ 467B11

■ 5E7B43

■ 3F7B05

■ 657B4F

■ 3D7B00

■ 6B7B5B

■ 717B68

■ 777B74

■ 7E7B80

■ 847B8C

■ 8A7B99

Harmonies

Analogous

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



7D7116



527B2A



00814E

Triad

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



527B2A



007DBA



B94A68

Complementary

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



527B2A



532A7B

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.



A85191



527B2A



2671C0

Square

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



527B2A



00829F



7D61B1



B45242

Rectangle

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



527B2A



00836A



7D61B1



B64A76

Sweetspot

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



527B2A



90A181



7B532A



48523E



D1D1D1



525252

Same Dimension

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



527B2A



60A122



2A7B2A



3A3D37



3E7D00



7DFC00

Inverse Universe

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



532A7B



6222A1



7B2A7B



3A373D



3F007D



8000FC

Previews

White Background



This preview shows how the Hex color 527B2A looks on a white background.

Color Contrast Check

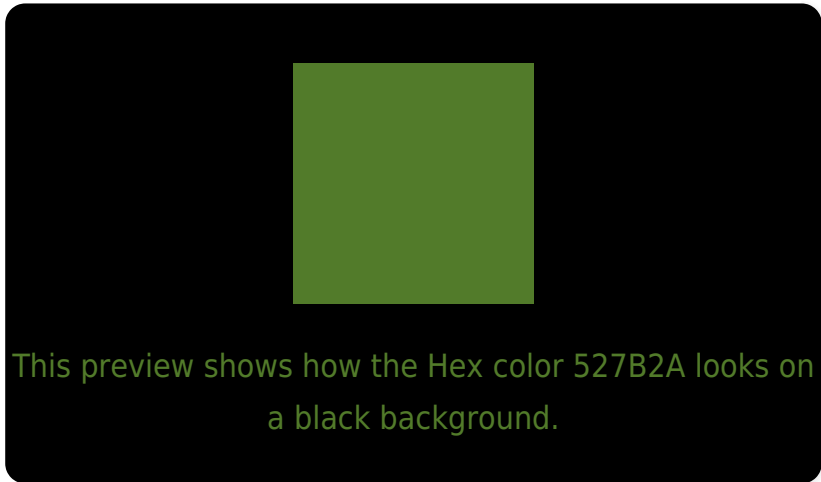
Large Text (above 18pt) WCAG AA ✓ Pass

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 527B2A Background



This preview shows how black text looks on a background with the Hex color 527B2A.



This preview shows how white text looks on a background with the Hex color 527B2A.

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
527B2A

Protanopia
7D7027

Deuteranopia
8A6A30



Tritanopia
5E737C

Trichromacy



Original Color
527B2A

Protanomaly
6D7428

Deuteranomaly
76702E

Tritanomaly
5A765E

Monochromacy



Original Color
527B2A

Achromatopsia
666666

Achromatomaly
5F6E50

CSS Examples

Text

The CSS property to change the color of the text to Hex 527B2A 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 #527B2A looks like.

```
.text, #text, p{  
    color:#527B2A  
}
```

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 #527B2A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #527B2A
}
```

Border

The CSS property to change the border of an element to Hex 527B2A is called "border". The border property can be set on classes, ids or directly on the HTML element.

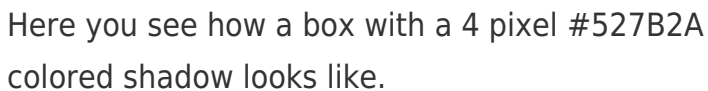
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#527B2A }
```

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

```
.border{ border-color:#527B2A }
```

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



Here you see how a box with a 4 pixel #527B2A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #527B2A; -webkit-box-shadow:4px 4px  
4px 4px #527B2A; box-shadow:4px 4px 4px  
4px #527B2A }
```

Background

The CSS property to change the background color of an element to Hex 527B2A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#527B2A }
```

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

```
.background{ background-color:#527B2A }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor