

# Converting Colors

Hex(527B25)

Have a look what the booklet for  
Hex(527B25) contains.

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**Color**

**Hex(527B25)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	527B25
RGB	82, 123, 37
RGB Percent	32%, 48%, 15%
CMY	0.6784, 0.5176, 0.8549
CMYK	0.33, 0.00, 0.70, 0.52
HSL	89°, 54%, 31%
HSV	89°, 70%, 48%
XYZ	10.8966, 16.0933, 4.2823
YIQ	100.9370, 3.1700, -35.4380

# Conversions

## Conversions Part 2

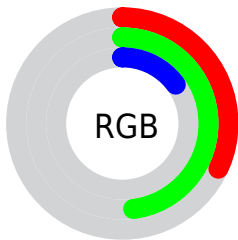
<b>Format</b>	<b>Color</b>
<b>RYB</b>	37, 123, 78
Decimal	5405477
CIELab	47.10, -29.07, 40.77
CIELCh	47, 50.076, 125.490
Yxy	16.0933, 0.3484, 0.5146
Android (android.graphics.Color)	4283595557 (0xFF527B25)
YUV	100.9370, -31.5209, -16.6077
Hunter-Lab	40.1165, -21.7191, 21.7526

# Details

The Hex color **527B25** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **4E257B**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **86B057**, and **1F4A00** is the 20% darker color. If you saturate the color by 10%, you get **4C7B19**, and if you desaturate by 10%, it is **587B31**.

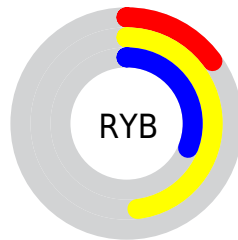
# Distribution



Red (32%)

Green (48%)

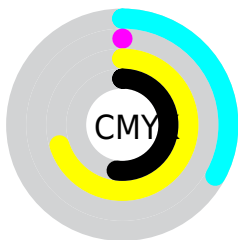
Blue (15%)



Red (15%)

Yellow (48%)

Blue (31%)

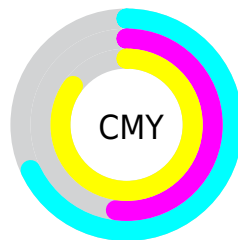


Cyan (33%)

Magenta (0%)

Yellow (70%)

Black (52%)



Cyan (68%)

Magenta (52%)

Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 527B25 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 527B25 by changing the saturation by 10% instead.





527B25



527B25

FFFFFF



386209



86B057



1F4A00



A2CB70



013300



BDE88B



002000



DAFFA6



000000



F7FFC1



FFFFDE



FFFFFFA



527B25



527B25

■ 4C7B19

■ 587B31

■ 467B0C

■ 5E7B3E

■ 407B00

■ 647B4A

■ 697B56

■ 6F7B63

■ 757B6F

■ 7B7B7B

■ 817B87

■ 877B94

# Harmonies

## Analogous

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



7E700F



527B25



00814B

# Triad

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



527B25



007DBC



BB476A

# Complementary

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



527B25



4E257B

# 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.



A84F93



527B25



0D72C4

# Square

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



527B25



0083A0



7B61B5



B75041

# Rectangle

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



527B25



008368



7B61B5



B84878



# Sweetspot

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



527B25



91A17F



7B4D25



48523D



D1D1D1



525252



# Same Dimension

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



527B25



60A11A



287B25



3A3D37



417D00



84FC00



# Inverse Universe

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



4E257B



5A1AA1



78257B



3A373D



3C007D



7800FC



# Previews

## White Background



This preview shows how the Hex color 527B25 looks on a white background.

### Color Contrast Check

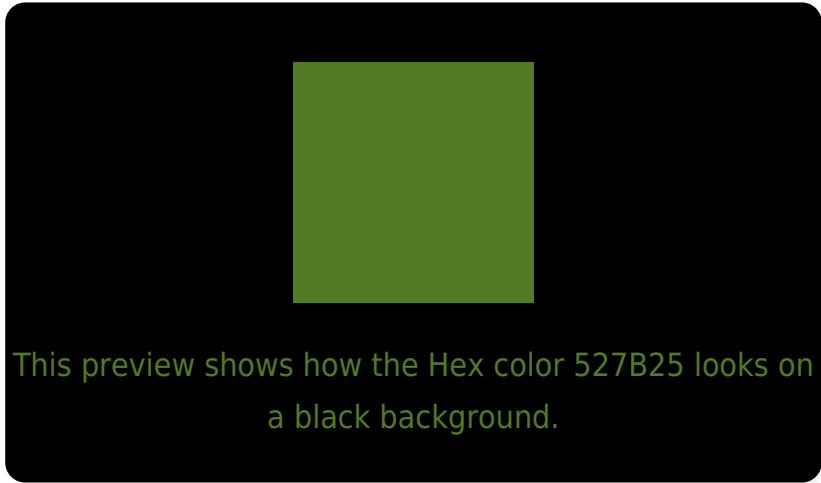
Large Text (above 18pt) WCAG AA ✓ Pass

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 527B25 Background



This preview shows how black text looks on a background with the Hex color 527B25.



This preview shows how white text looks on a background with the Hex color 527B25.

# 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**  
527B25

**Protanopia**  
7D7022

**Deuteranopia**  
8B6A2B



**Tritanopia**  
5E737C

# Trichromacy



**Original Color**  
527B25

**Protanomaly**  
6D7423

**Deuteranomaly**  
767029

**Tritanomaly**  
5A765C

# Monochromacy



**Original Color**  
527B25

**Achromatopsia**  
656565

**Achromatomaly**  
5E6D4E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 527B25 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 #527B25 looks like.

```
.text, #text, p{  
    color:#527B25  
}
```

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 #527B25 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #527B25
}
```

## Border

The CSS property to change the border of an element to Hex 527B25 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
#527B25 }
```

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

```
.border{ border-color:#527B25 }
```

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

Here you see how a box with a 4 pixel #527B25 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #527B25; -webkit-box-shadow:4px 4px  
4px 4px #527B25; box-shadow:4px 4px 4px  
4px #527B25 }
```

# Background

The CSS property to change the background color of an element to Hex 527B25 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#527B25 }
```

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

```
.background{ background-color:#527B25 }
```

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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