

# Converting Colors

Hex(927B2D)

Have a look what the booklet for  
Hex(927B2D) contains.

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**Color**

**Hex(927B2D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	927B2D
RGB	146, 123, 45
RGB Percent	57%, 48%, 18%
CMY	0.4275, 0.5176, 0.8235
CMYK	0.00, 0.16, 0.69, 0.43
HSL	46°, 53%, 37%
HSV	46°, 69%, 57%
XYZ	19.4107, 20.4664, 5.4100
YIQ	120.9850, 38.7460, -19.3820

# Conversions

## Conversions Part 2

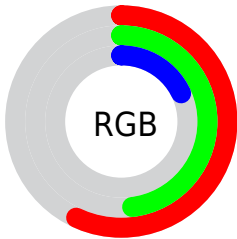
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	75, 146, 45
Decimal	9599789
CIE <sub>Lab</sub>	52.36, -0.21, 44.34
CIE <sub>LCh</sub>	52, 44.337, 90.274
Yxy	20.4664, 0.4286, 0.4519
Android (android.graphics.Color)	4287789869 (0xFF927B2D)
YUV	120.9850, -37.4606, 21.9382
Hunter-Lab	45.2398, -2.5820, 24.5777

# Details

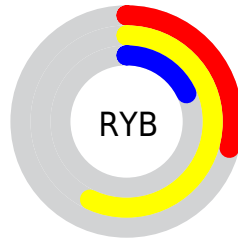
The Hex color **927B2D** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **2D4492**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **CBAF5F**, and **5C4B00** is the 20% darker color. If you saturate the color by 10%, you get **92781E**, and if you desaturate by 10%, it is **927E3C**.

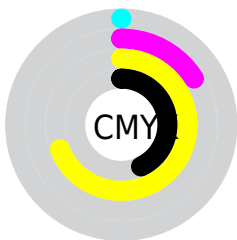
# Distribution



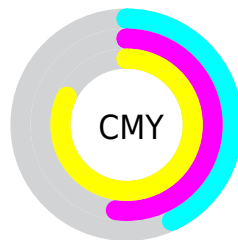
- Red (57%)
- Green (48%)
- Blue (18%)



- Red (29%)
- Yellow (57%)
- Blue (18%)



- Cyan (0%)
- Magenta (16%)
- Yellow (69%)
- Black (43%)



- Cyan (43%)
- Magenta (52%)
- Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 927B2D 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 927B2D by changing the saturation by 10% instead.



 927B2D

 927B2D

FFFFFF

 776213

 CBAF5F

 5C4B00

 E8CB79

 433400

 FFE793

 291F00

 FFFFAE

 0D0800

 FFFFC A

 000000

 FFFF E7

 927B2D

 927B2D

 92781E

 927E3C

■ 927410

■ 92824A

■ 927101

■ 928559

■ 927100

■ 928867

■ 928C76

■ 928F85

■ 929293

■ 9296A2

■ 9299B0

# Harmonies

## Analogous

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



B06D3B



927B2D



6C8638

# Triad

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



927B2D



008FA2



AC64A3

# Complementary

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



927B2D



2D4492

# 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.



7F73BF



927B2D



008ABE

# Square

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



927B2D



00907C



2E81C9



C15C7E

# Rectangle

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



927B2D



4C8B4A



2E81C9



9F68AE



# Sweetspot

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



927B2D



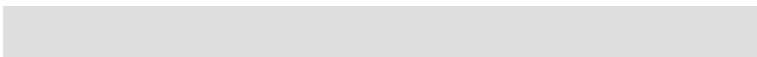
BDB495



922D45



5E5947



DEDEDE



5E5E5E



# Same Dimension

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



927B2D



BD9920



77922D



4A4843



8A6A00



0A0800



# Inverse Universe

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



2D4492



2044BD



482D92



43444A



001F8A



00020A



# Previews

## White Background



This preview shows how the Hex color 927B2D looks on a white background.

## Color Contrast Check

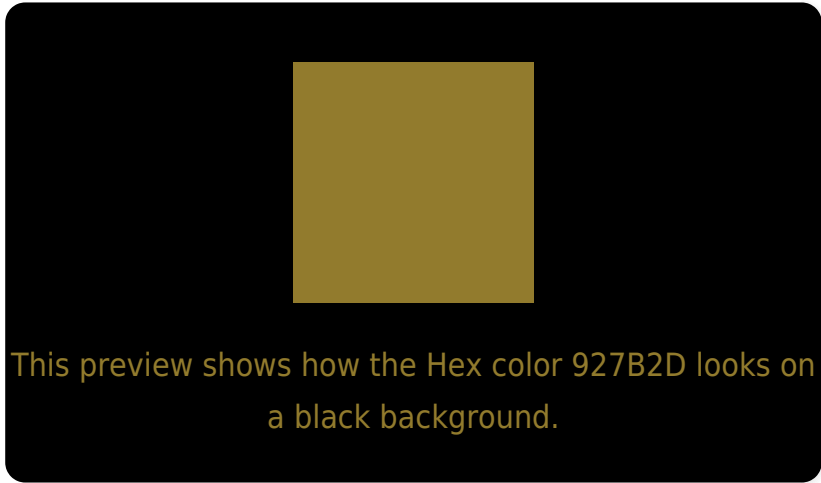
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

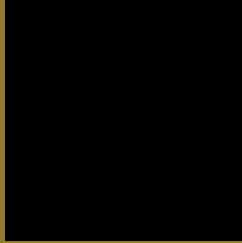
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 927B2D Background



This preview shows how black text looks on a background with the Hex color 927B2D.



This preview shows how white text looks on a background with the Hex color 927B2D.

# 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**  
927B2D

**Protanopia**  
8C7D2E

**Deuteranopia**  
9C772E

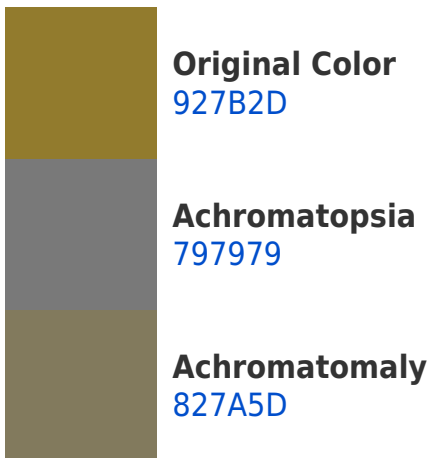


**Tritanopia**  
98737C

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 927B2D 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 #927B2D looks like.

```
.text, #text, p{  
    color:#927B2D  
}
```

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 #927B2D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #927B2D
}
```

## Border

The CSS property to change the border of an element to Hex 927B2D 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
#927B2D }
```

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

```
.border{ border-color:#927B2D }
```

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

Here you see how a box with a 4 pixel #927B2D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #927B2D; -webkit-box-shadow:4px 4px  
4px 4px #927B2D; box-shadow:4px 4px 4px  
4px #927B2D }
```

# Background

The CSS property to change the background color of an element to Hex 927B2D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#927B2D }
```

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

```
.background{ background-color:#927B2D }
```

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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