

# Converting Colors

Hex(524300)

Have a look what the booklet for  
Hex(524300) contains.

<b>Hex(524300)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(524300)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	524300
RGB	82, 67, 0
RGB Percent	32%, 26%, 0%
CMY	0.6784, 0.7373, 1.0000
CMYK	0.00, 0.18, 1.00, 0.68
HSL	49°, 100%, 16%
HSV	49°, 100%, 32%
XYZ	5.4868, 5.8081, 0.8319
YIQ	63.8470, 30.4470, -17.6570

# Conversions

## Conversions Part 2

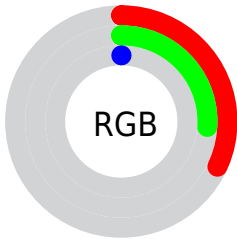
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	18, 82, 0
Decimal	5391104
CIE <sub>Lab</sub>	28.92, -0.39, 37.97
CIE <sub>LCh</sub>	29, 37.971, 90.595
Yxy	5.8081, 0.4525, 0.4789
Android (android.graphics.Color)	4283581184 (0xFF524300)
YUV	63.8470, -31.4766, 15.9202
Hunter-Lab	24.1001, -1.5364, 14.8235

# Details

The Hex color **524300** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **000F52**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **877332**, and **211900** is the 20% darker color. If you saturate the color by 10%, you get **524300**, and if you desaturate by 10%, it is **524508**.

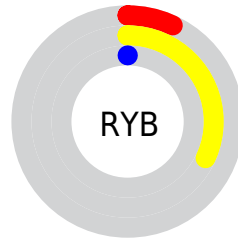
# Distribution



Red (32%)

Green (26%)

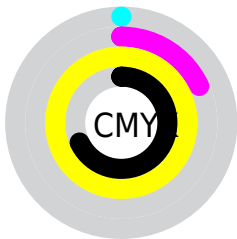
Blue (0%)



Red (7%)

Yellow (32%)

Blue (0%)

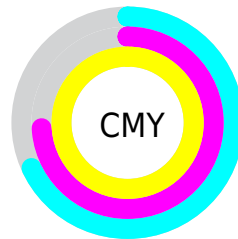


Cyan (0%)

Magenta (18%)

Yellow (100%)

Black (68%)



Cyan (68%)

Magenta (74%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 524300 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 524300 by changing the saturation by 10% instead.



 524300

 524300

 FFFFEA

 392D00

 877332

 211900

 A28C4A

 000000

 BEA663

 DBC17C

 F8DD97

 FFFAB2

 FFFFCE

 524300

■ 524508

■ 524610

■ 524719

■ 524921

■ 524A29

■ 524C31

■ 524E39

■ 524F42

■ 52514A

# Harmonies

## Analogous

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



69380F



524300



354B0B

# Triad

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



524300



005261



682F61

# Complementary

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



524300



000F52

# 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.



443C77



524300



004E77

# Square

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



524300



005244



00477F



772745

# Rectangle

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



524300



194E1C



00477F



5E336A



# Sweetspot

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



524300



6B654B



52000F



363222



B5B5B5



363636



# Same Dimension

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



524300



6B5800



385200



292825



695500



E8BE00



# Inverse Universe

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



000F52



00146B



1A0052



252529



001369

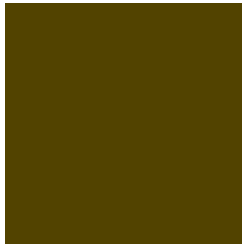


002AE8



# Previews

## White Background



This preview shows how the Hex color 524300 looks on a white background.

## Color Contrast Check

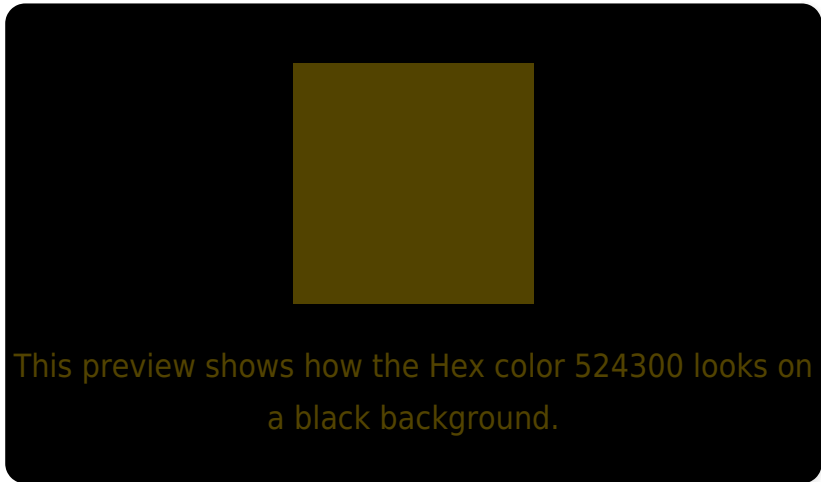
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

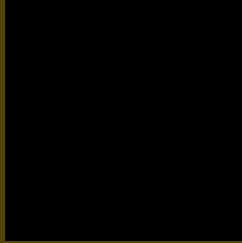
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 524300 Background



This preview shows how black text looks on a background with the Hex color 524300.



This preview shows how white text looks on a background with the Hex color 524300.

# 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](#).

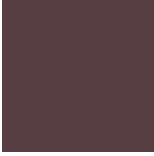
## Dichromacy



**Original Color**  
524300

**Protanopia**  
4D4503

**Deuteranopia**  
574106



**Tritanopia**  
563E43

# Trichromacy



**Original Color**  
524300

**Protanomaly**  
4F4402

**Deuteranomaly**  
554204

**Tritanomaly**  
55402B

# Monochromacy



**Original Color**  
524300

**Achromatopsia**  
404040

**Achromatomaly**  
474129

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 524300 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 #524300 looks like.

```
.text, #text, p{  
    color:#524300  
}
```

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 #524300 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #524300
}
```

## Border

The CSS property to change the border of an element to Hex 524300 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
#524300 }
```

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

```
.border{ border-color:#524300 }
```

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

Here you see how a box with a 4 pixel #524300 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #524300; -webkit-box-shadow:4px 4px  
4px 4px #524300; box-shadow:4px 4px 4px  
4px #524300 }
```

# Background

The CSS property to change the background color of an element to Hex 524300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#524300 }
```

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

```
.background{ background-color:#524300 }
```

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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