

# Converting Colors

Hex(525300)

Have a look what the booklet for  
Hex(525300) contains.

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**Color**

**Hex(525300)**

# Conversions

## Conversions Part 1

Format	Color
Hex	525300
RGB	82, 83, 0
RGB Percent	32%, 33%, 0%
CMY	0.6784, 0.6745, 1.0000
CMYK	0.01, 0.00, 1.00, 0.67
HSL	61°, 100%, 16%
HSV	61°, 100%, 33%
XYZ	6.5729, 7.9804, 1.1939
YIQ	73.2390, 26.0470, -26.0250

# Conversions

## Conversions Part 2

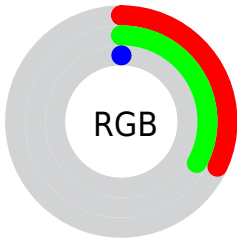
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 83, 1
Decimal	5395200
CIELab	33.94, -10.04, 41.67
CIELCh	34, 42.865, 103.540
Yxy	7.9804, 0.4174, 0.5068
Android (android.graphics.Color)	4283585280 (0xFF525300)
YUV	73.2390, -36.1068, 7.6834
Hunter-Lab	28.2495, -7.9043, 17.2688

# Details

The Hex color **525300** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **010053**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **868436**, and **212700** is the 20% darker color. If you saturate the color by 10%, you get **525300**, and if you desaturate by 10%, it is **525308**.

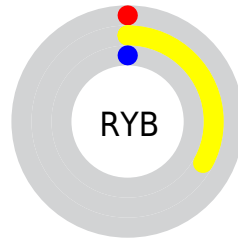
# Distribution



Red (32%)

Green (33%)

Blue (0%)



Red (0%)

Yellow (33%)

Blue (0%)

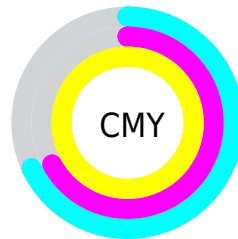


Cyan (1%)

Magenta (0%)

Yellow (100%)

Black (67%)



Cyan (68%)

Magenta (67%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 525300 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 525300 by changing the saturation by 10% instead.



 525300

 525300

 FFFFF0

 3A3C00

 868436

 212700

 A29E4E

 001300

 BDB968

 000000

 DAD582

 F7F19C

 FFFFB8

 FFFFD4

 525300

 525308

 525311

 525319

 525321

 525329

 535332

 53533A

 535342

 53534B

# Harmonies

## Analogous

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



704706



525300



2B5B1A

# Triad

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



525300



005E7E



833164

# Complementary

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



525300



010053

# 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.



654082



525300



005991

# Square

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



525300



00605F



244F92



8D2E42

# Rectangle

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



525300



005D30



244F92



7C356F



# Sweetspot

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



525300



6B6B4B



530000



353622



B5B5B5



363636



# Same Dimension

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



525300



6A6B00



295300



292925



676900



E5E800



# Inverse Universe

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



010053



01006B



290053



252529



010069

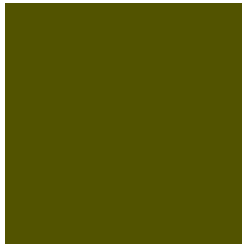


0300E8



# Previews

## White Background



This preview shows how the Hex color 525300 looks on a white background.

## Color Contrast Check

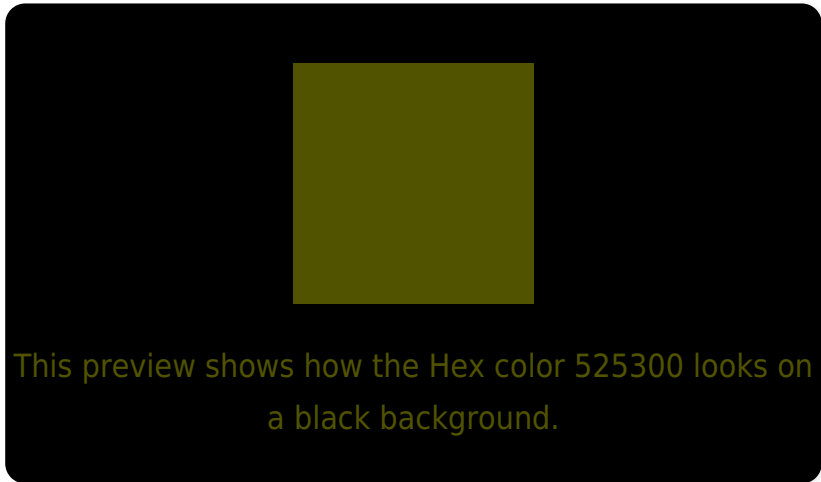
Large Text (above 18pt) WCAG AA ✓ Pass

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

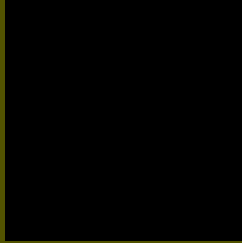
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 525300 Background



This preview shows how black text looks on a background with the Hex color 525300.



This preview shows how white text looks on a background with the Hex color 525300.

# 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**  
525300

**Protanopia**  
5A5000

**Deuteranopia**  
654C0D



**Tritanopia**  
584D53

# Trichromacy



**Original Color**  
525300

**Protanomaly**  
575100

**Deuteranomaly**  
5E4F08

**Tritanomaly**  
564F35

# Monochromacy



**Original Color**  
525300

**Achromatopsia**  
494949

**Achromatomaly**  
4C4D2E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 525300 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 #525300 looks like.

```
.text, #text, p{  
    color:#525300  
}
```

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 #525300 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #525300
}
```

## Border

The CSS property to change the border of an element to Hex 525300 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".

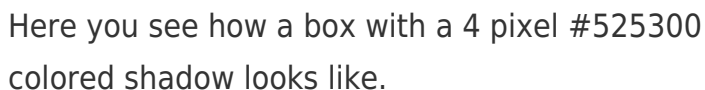
```
.border, #border, table{ border:4px solid
#525300 }
```

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

```
.border{ border-color:#525300 }
```

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

Here you see how a box with a 4 pixel #525300 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #525300; -webkit-box-shadow:4px 4px  
4px 4px #525300; box-shadow:4px 4px 4px  
4px #525300 }
```

# Background

The CSS property to change the background color of an element to Hex 525300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#525300 }
```

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

```
.background{ background-color:#525300 }
```

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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