

# Converting Colors

Hex(526300)

Have a look what the booklet for  
Hex(526300) contains.

<b>Hex(526300)</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(526300)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	526300
RGB	82, 99, 0
RGB Percent	32%, 39%, 0%
CMY	0.6784, 0.6118, 1.0000
CMYK	0.17, 0.00, 1.00, 0.61
HSL	70°, 100%, 19%
HSV	70°, 100%, 39%
XYZ	7.9415, 10.7175, 1.6501
YIQ	82.6310, 21.6470, -34.3930

# Conversions

## Conversions Part 2

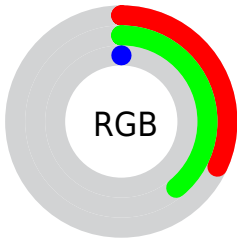
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">0, 99, 17</a>
Decimal	<a href="#">5399296</a>
CIELab	<a href="#">39.10, -18.92, 45.51</a>
CIElCh	<a href="#">39, 49.282, 112.570</a>
Yxy	<a href="#">10.7175, 0.3910, 0.5277</a>
Android (android.graphics.Color)	<a href="#">4283589376 (0xFF526300)</a>
YUV	<a href="#">82.6310, -40.7371, -0.5534</a>
Hunter-Lab	<a href="#">32.7376, -13.9902, 19.9278</a>

# Details

The Hex color **526300** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **110063**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **87963A**, and **203400** is the 20% darker color. If you saturate the color by 10%, you get **526300**, and if you desaturate by 10%, it is **54630A**.

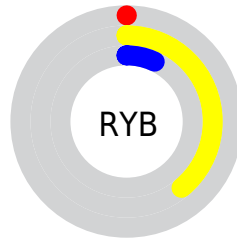
# Distribution



Red (32%)

Green (39%)

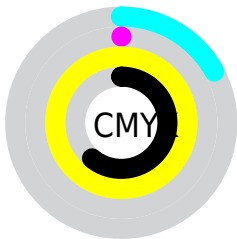
Blue (0%)



Red (0%)

Yellow (39%)

Blue (7%)

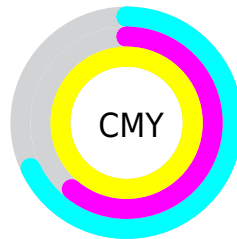


Cyan (17%)

Magenta (0%)

Yellow (100%)

Black (61%)



Cyan (68%)

Magenta (61%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 526300 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 526300 by changing the saturation by 10% instead.



 526300

 526300

 FFFFFF7

 394B00

 87963A

 203400

 A2B053

 022000

 BECC6D

 000000

 DAE887

 F7FFA2

 FFFFBE

 FFFFDA

 526300

 54630A

 556314

 57631E


 596328

 5B6332

 5C633B

 5E6345

 60634F

 616359

# Harmonies

## Analogous

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



775700



526300



186A28

# Triad

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



526300



006C9B



9E3468

# Complementary

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



526300



110063

# 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.



82438D



526300



0064AC

# Square

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



526300



006E7A



4756A7



A33640

# Rectangle

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



526300



006D43



4756A7



983775



# Sweetspot

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



526300



798059



631000



3C4029



BFBFBF



404040



# Same Dimension

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



526300



6A8000



216300



30302C



5D7000



C7F000



# Inverse Universe

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



110063



160080



420063



2C2C30



130070

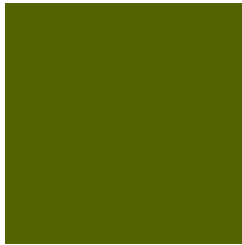


2900F0



# Previews

## White Background



This preview shows how the Hex color 526300 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

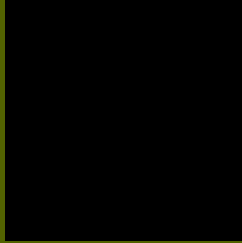
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 526300 Background



This preview shows how black text looks on a background with the Hex color 526300.



This preview shows how white text looks on a background with the Hex color 526300.

# 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**  
526300

**Protanopia**  
685C00

**Deuteranopia**  
745711



**Tritanopia**  
5A5C63

# Trichromacy



**Original Color**  
526300

**Protanomaly**  
605F00

**Deuteranomaly**  
685B0B

**Tritanomaly**  
575F3F

# Monochromacy



**Original Color**  
526300

**Achromatopsia**  
535353

**Achromatomaly**  
535935

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 526300 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 #526300 looks like.

```
.text, #text, p{  
    color:#526300  
}
```

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 #526300 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #526300
}
```

## Border

The CSS property to change the border of an element to Hex 526300 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
#526300 }
```

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

```
.border{ border-color:#526300 }
```

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

Here you see how a box with a 4 pixel #526300 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #526300; -webkit-box-shadow:4px 4px  
4px 4px #526300; box-shadow:4px 4px 4px  
4px #526300 }
```

# Background

The CSS property to change the background color of an element to Hex 526300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#526300 }
```

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

```
.background{ background-color:#526300 }
```

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