

# Converting Colors

Hex(537300)

Have a look what the booklet for  
Hex(537300) contains.

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**Color**

**Hex(537300)**

# Conversions

## Conversions Part 1

Format	Color
Hex	537300
RGB	83, 115, 0
RGB Percent	33%, 45%, 0%
CMY	0.6745, 0.5490, 1.0000
CMYK	0.28, 0.00, 1.00, 0.55
HSL	77°, 100%, 23%
HSV	77°, 100%, 45%
XYZ	9.6980, 14.1005, 2.2105
YIQ	92.3220, 17.8430, -42.5490

# Conversions

## Conversions Part 2

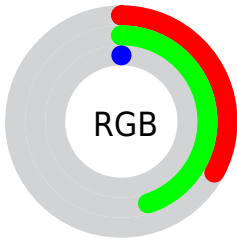
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 115, 32
Decimal	5468928
CIELab	44.38, -26.60, 49.54
CIELCh	44, 56.228, 118.236
Yxy	14.1005, 0.3729, 0.5421
Android (android.graphics.Color)	4283659008 (0xFF537300)
YUV	92.3220, -45.5147, -8.1754
Hunter-Lab	37.5506, -19.6132, 22.7951

# Details

The Hex color **537300** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **200073**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **88A73E**, and **204300** is the 20% darker color. If you saturate the color by 10%, you get **537300**, and if you desaturate by 10%, it is **56730B**.

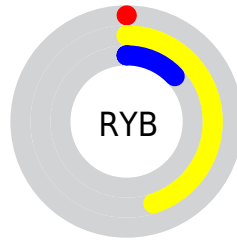
# Distribution



Red (33%)

Green (45%)

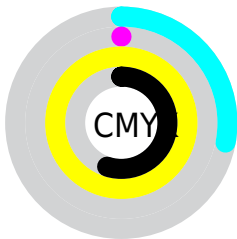
Blue (0%)



Red (0%)

Yellow (45%)

Blue (13%)

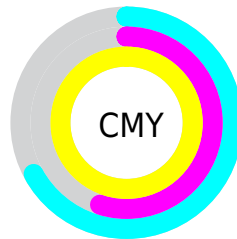


Cyan (28%)

Magenta (0%)

Yellow (100%)

Black (55%)



Cyan (67%)

Magenta (55%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 537300 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 537300 by changing the saturation by 10% instead.



 537300

 537300

FFFFFFD

 395A00

 88A73E

 204300

 A4C258

 012C00

 C0DE72

 001800

 DCFB8C

 000000

 FAFFA8

 FFFFC4

 FFFFEO

 537300

 56730B

 597317

 5D7323

 60732E

 63733A

 667345

 697351

 6D735C

 707368

# Harmonies

## Analogous

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



816600



537300



007A34

# Triad

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



537300



007AB8



B9376E

# Complementary

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



537300



200073

# 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.



9E479B



537300



006FC7

# Square

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



537300



007E94



615EBC



B93E40

# Rectangle

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



537300



007D54



615EBC



B33A7D



# Sweetspot

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



537300



8A9669



731F00



454D31



CCCCCC



4D4D4D



# Same Dimension

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



537300



6D9600



1B7300



393B35



587A00



B4FA00



# Inverse Universe

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



200073



2A0096



580073



36353B



22007A



4600FA



# Previews

## White Background



This preview shows how the Hex color 537300 looks on a white background.

## Color Contrast Check

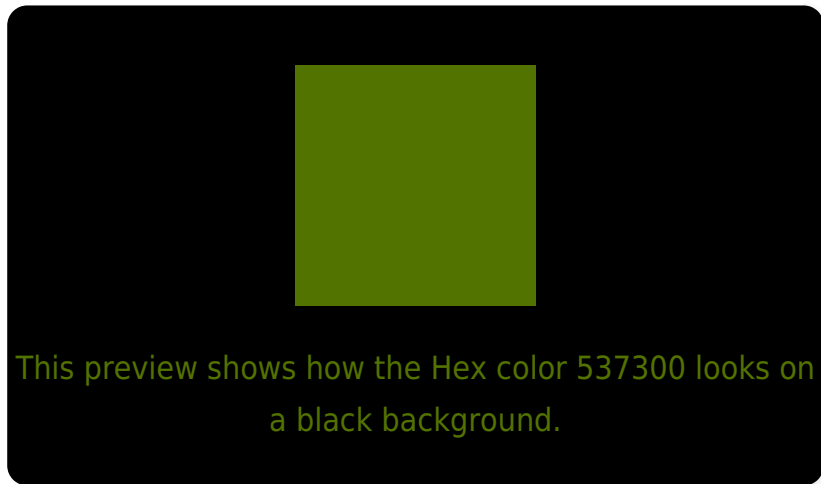
Large Text (above 18pt) WCAG AA ✓ Pass

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 537300 Background



This preview shows how black text looks on a background with the Hex color 537300.



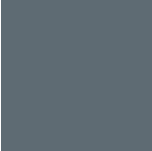
This preview shows how white text looks on a background with the Hex color 537300.

# 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





**Tritanopia**  
5E6B73

# Trichromacy



**Original Color**  
537300

**Protanomaly**  
696D00

**Deuteranomaly**  
72690E

**Tritanomaly**  
5A6E49

# Monochromacy



**Original Color**  
537300

**Achromatopsia**  
5C5C5C

**Achromatomaly**  
59643B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 537300 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 #537300 looks like.

```
.text, #text, p{  
    color:#537300  
}
```

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 #537300 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #537300
}
```

## Border

The CSS property to change the border of an element to Hex 537300 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
#537300 }
```

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

```
.border{ border-color:#537300 }
```

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

Here you see how a box with a 4 pixel #537300 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #537300; -webkit-box-shadow:4px 4px  
4px 4px #537300; box-shadow:4px 4px 4px  
4px #537300 }
```

# Background

The CSS property to change the background color of an element to Hex 537300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#537300 }
```

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

```
.background{ background-color:#537300 }
```

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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