

# Converting Colors

Hex(653300)

Have a look what the booklet for  
Hex(653300) contains.

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**Color**

**Hex(653300)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	653300
RGB	101, 51, 0
RGB Percent	40%, 20%, 0%
CMY	0.6039, 0.8000, 1.0000
CMYK	0.00, 0.50, 1.00, 0.60
HSL	30°, 100%, 20%
HSV	30°, 100%, 40%
XYZ	6.5507, 5.1344, 0.6458
YIQ	60.1360, 46.1710, -5.2610

# Conversions

## Conversions Part 2

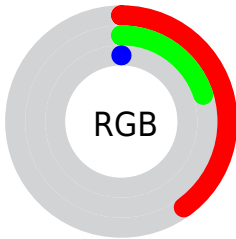
<b>Format</b>	<b>Color</b>
<b>RYB</b>	99, 101, 0
Decimal	6632192
CIELab	27.11, 19.16, 37.51
CIELCh	27, 42.123, 62.941
Yxy	5.1344, 0.5312, 0.4164
Android (android.graphics.Color)	4284822272 (0xFF653300)
YUV	60.1360, -29.6470, 35.8377
Hunter-Lab	22.6591, 11.9502, 14.1716

# Details

The Hex color **653300** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **003265**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **9D6230**, and **300800** is the 20% darker color. If you saturate the color by 10%, you get **653300**, and if you desaturate by 10%, it is **65380A**.

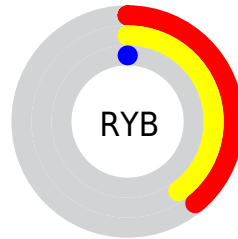
# Distribution



Red (40%)

Green (20%)

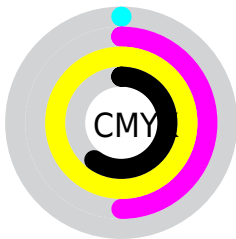
Blue (0%)



Red (39%)

Yellow (40%)

Blue (0%)

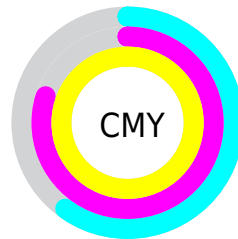


Cyan (0%)

Magenta (50%)

Yellow (100%)

Black (60%)



Cyan (60%)

Magenta (80%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 653300 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 653300 by changing the saturation by 10% instead.



 653300

 653300

 FFFFE7

 4A1D00

 9D6230

 300800

 BA7B48

 100000

 D79560

 000000

 F5B07A

 FFCB94

 FFE7AF

 FFFFCB

 653300

■ 65380A

■ 653D14

■ 65421E

■ 654728

■ 654C33

■ 65513D

■ 655647

■ 655B51

■ 65605B

# Harmonies

## Analogous

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



75241F



653300



4C4000

# Triad

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



653300



004E42



433677

# Complementary

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



653300



003265

# 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.



004381



653300



004E62

# Square

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



653300



004C21



004B79



69255E

# Rectangle

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



653300



374600



004B79



2D3B7C



# Sweetspot

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



653300



826F5B



650033



42362A



C2C2C2



424242



# Same Dimension

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



653300



824200



656500



33302E



733A00



F27A00



# Inverse Universe

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



003265



004082



000065



2E3033



003973

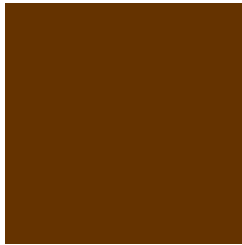


0078F2



# Previews

## White Background



This preview shows how the Hex color 653300 looks on a white background.

## Color Contrast Check

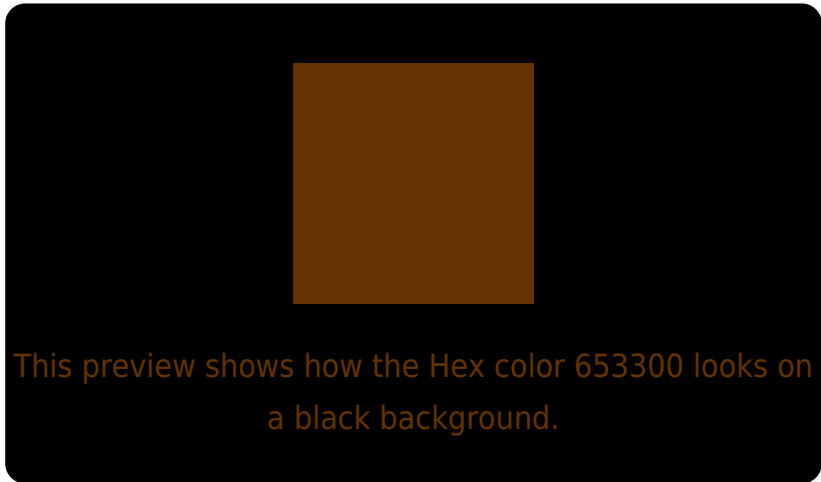
Large Text (above 18pt) WCAG AA ✓ Pass

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

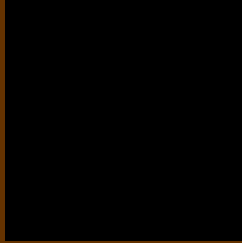
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 653300 Background



This preview shows how black text looks on a background with the Hex color 653300.



This preview shows how white text looks on a background with the Hex color 653300.

# 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**  
653300

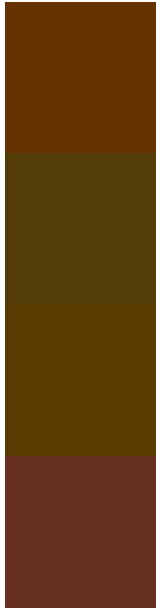
**Protanopia**  
494109

**Deuteranopia**  
523E00



**Tritanopia**  
672F33

# Trichromacy



**Original Color**  
653300

**Protanomaly**  
533C06

**Deuteranomaly**  
593A00

**Tritanomaly**  
663020

# Monochromacy



**Original Color**  
653300

**Achromatopsia**  
3C3C3C

**Achromatomaly**  
4B3926

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 653300 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 #653300 looks like.

```
.text, #text, p{  
    color:#653300  
}
```

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 #653300 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #653300
}
```

## Border

The CSS property to change the border of an element to Hex 653300 is called "border". The border property can be set on classes, ids or directly on the HTML element.

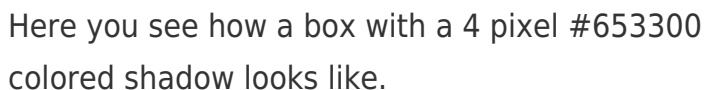
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#653300 }
```

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

```
.border{ border-color:#653300 }
```

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



Here you see how a box with a 4 pixel #653300 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #653300; -webkit-box-shadow:4px 4px  
4px 4px #653300; box-shadow:4px 4px 4px  
4px #653300 }
```

# Background

The CSS property to change the background color of an element to Hex 653300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#653300 }
```

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

```
.background{ background-color:#653300 }
```

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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