

# Converting Colors

Hex(653504)

Have a look what the booklet for  
Hex(653504) contains.

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**Color**

**Hex(653504)**

# Conversions

## Conversions Part 1

Format	Color
Hex	653504
RGB	101, 53, 4
RGB Percent	40%, 21%, 2%
CMY	0.6039, 0.7922, 0.9843
CMYK	0.00, 0.48, 0.96, 0.60
HSL	30°, 92%, 21%
HSV	30°, 96%, 40%
XYZ	6.6618, 5.3217, 0.7909
YIQ	61.7660, 44.3370, -5.0630

# Conversions

## Conversions Part 2

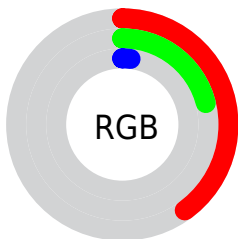
<b>Format</b>	<b>Color</b>
<b>RYB</b>	99, 101, 4
Decimal	6632708
CIELab	27.63, 18.08, 36.33
CIELCh	28, 40.580, 63.538
Yxy	5.3217, 0.5215, 0.4166
Android (android.graphics.Color)	4284822788 (0xFF653504)
YUV	61.7660, -28.4786, 34.4082
Hunter-Lab	23.0688, 11.1773, 14.1153

# Details

The Hex color **653504** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **043465**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **9D6434**, and **300A00** is the 20% darker color. If you saturate the color by 10%, you get **653300**, and if you desaturate by 10%, it is **653A0E**.

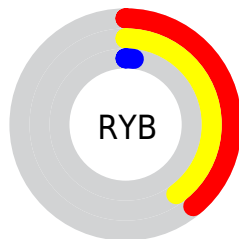
# Distribution



Red (40%)

Green (21%)

Blue (2%)



Red (39%)

Yellow (40%)

Blue (2%)

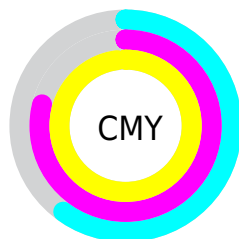


Cyan (0%)

Magenta (48%)

Yellow (96%)

Black (60%)



Cyan (60%)

Magenta (79%)

Yellow (98%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 653504 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 653504 by changing the saturation by 10% instead.



 653504

 653504

 FFFFEB

 4A1F00

 9D6434

 300A00

 B97D4B

 120000

 D69764

 000000

 F4B27D

 FFCE98

 FFEAB3

 FFFFCE

 653504

 653504

■ 653300

■ 653A0E

■ 653F18

■ 654422

■ 65492C

■ 654E37

■ 655341

■ 65584B

■ 655D55

■ 65625F

# Harmonies

## Analogous

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



752721



653504



4C4100

# Triad

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



653504



004F44



453776

# Complementary

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



653504



043465

# 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.



004480



653504



004F63

# Square

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



653504



004D24



004C79



69285E

# Rectangle

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



653504



384700



004C79



323C7B



# Sweetspot

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



653504



826F5C



650435



42372B



C2C2C2



424242



# Same Dimension

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



653504



824200



656504



33302E



733A00



F27A00



# Inverse Universe

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



043465



004082



040465



2E3033



003973

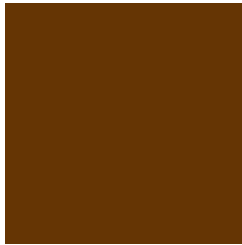


0078F2



# Previews

## White Background



This preview shows how the Hex color 653504 looks on a white background.

## Color Contrast Check

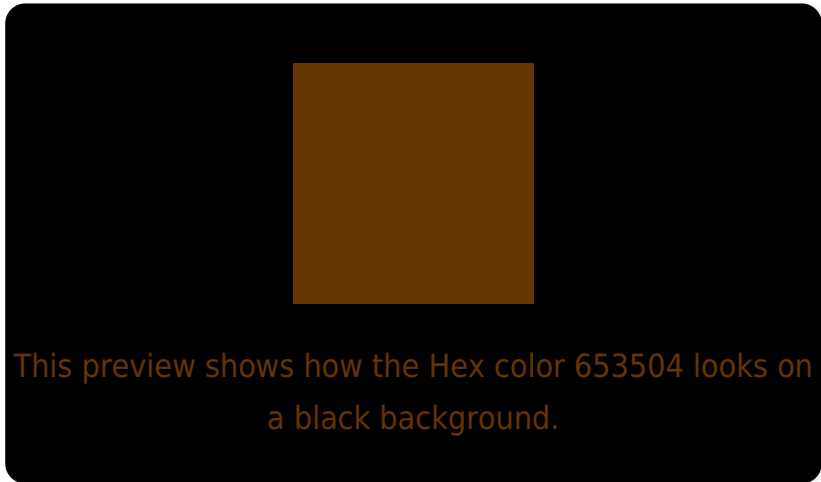
Large Text (above 18pt) WCAG AA ✓ Pass

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 653504 Background



This preview shows how black text looks on a background with the Hex color 653504.



This preview shows how white text looks on a background with the Hex color 653504.

# 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**  
653504

**Protanopia**  
4A209

**Deuteranopia**  
533F00



# Trichromacy



**Original Color**  
653504

**Protanomaly**  
543D07

**Deuteranomaly**  
5A3B01

**Tritanomaly**  
663223

# Monochromacy



**Original Color**  
653504

**Achromatopsia**  
3E3E3E

**Achromatomaly**  
4C3B29

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 653504 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 #653504 looks like.

```
.text, #text, p{  
    color:#653504  
}
```

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 #653504 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #653504
}
```

## Border

The CSS property to change the border of an element to Hex 653504 is called "border". The border property can be set on classes, ids or directly on the HTML element.

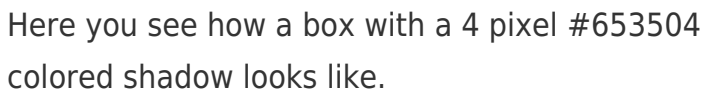
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#653504 }
```

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

```
.border{ border-color:#653504 }
```

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



Here you see how a box with a 4 pixel #653504 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #653504; -webkit-box-shadow:4px 4px  
4px 4px #653504; box-shadow:4px 4px 4px  
4px #653504 }
```

# Background

The CSS property to change the background color of an element to Hex 653504 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#653504 }
```

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

```
.background{ background-color:#653504 }
```

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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