

# Converting Colors

Hex(654525)

Have a look what the booklet for  
Hex(654525) contains.

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**Color**

**Hex(654525)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	654525
RGB	101, 69, 37
RGB Percent	40%, 27%, 15%
CMY	0.6039, 0.7294, 0.8549
CMYK	0.00, 0.32, 0.63, 0.60
HSL	30°, 46%, 27%
HSV	30°, 63%, 40%
XYZ	7.8289, 7.1565, 2.7190
YIQ	74.9200, 29.3440, -3.1680

# Conversions

## Conversions Part 2

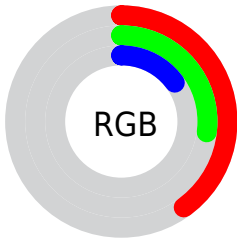
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	101, 101, 37
Decimal	6636837
CIE Lab	32.16, 9.96, 24.58
CIE LCh	32, 26.519, 67.939
Yxy	7.1565, 0.4422, 0.4042
Android (android.graphics.Color)	4284826917 (0xFF654525)
YUV	74.9200, -18.6946, 22.8722
Hunter-Lab	26.7517, 5.4226, 12.7001

# Details

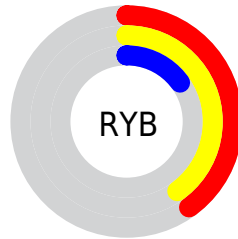
The Hex color **654525** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **254565**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **9A7553**, and **341A00** is the 20% darker color. If you saturate the color by 10%, you get **65401B**, and if you desaturate by 10%, it is **654A2F**.

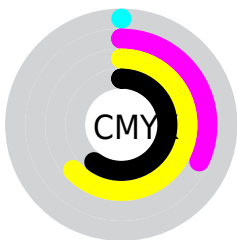
# Distribution



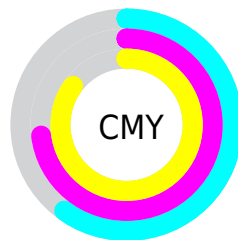
- Red (40%)
- Green (27%)
- Blue (15%)



- Red (40%)
- Yellow (40%)
- Blue (15%)



- Cyan (0%)
- Magenta (32%)
- Yellow (63%)
- Black (60%)



- Cyan (60%)
- Magenta (73%)
- Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 654525 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 654525 by changing the saturation by 10% instead.



 654525

 654525

FFFFFF

 4C2F10

 9A7553

 341A00

 B68F6B

 1C0000

 D2A985

 000000

 EFC59F

 FFE1BA

 FFFDD6

 FFFFF2

 654525

 654525

■ 65401B

■ 654A2F

■ 653B11

■ 654F39

■ 653607

■ 655443

■ 653200

■ 65594D

■ 655E58

■ 656362

■ 65686C

■ 656D76

■ 657280

# Harmonies

## Analogous

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



713E33



654525



534C21

# Triad

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



654525



005651



55446D

# Complementary

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



654525



254565

# 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.



334C75



654525



005565

# Square

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



654525



20553B



005272



6A3D5C

# Rectangle

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



654525



455026



005272



4B4770



# Sweetspot

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



654525



827669



652545



423B33



C2C2C2



424242



# Same Dimension

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



654525



82511F



656425



33302E



733900



F27900



# Inverse Universe

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



254565



1F5182



252565



2E3033



003973



0079F2



# Previews

## White Background



This preview shows how the Hex color 654525 looks on a white background.

## Color Contrast Check

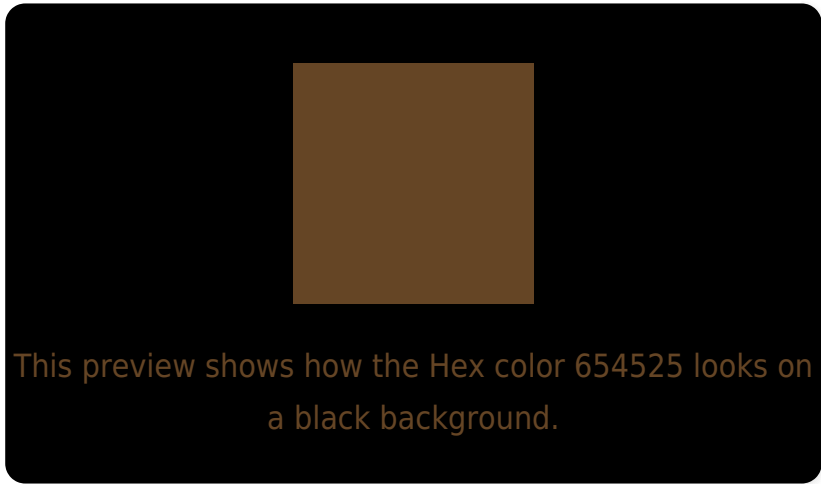
Large Text (above 18pt) WCAG AA ✓ Pass

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 654525 Background



This preview shows how black text looks on a background with the Hex color 654525.



This preview shows how white text looks on a background with the Hex color 654525.

# 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**  
654525

**Protanopia**  
544C27

**Deuteranopia**  
5E4824



**Tritanopia**  
674146

# Trichromacy



**Original Color**

654525

**Protanomaly**

5A4926

**Deuteranomaly**

614724

**Tritanomaly**

66423A

# Monochromacy



**Original Color**

654525

**Achromatopsia**

4B4B4B

**Achromatomaly**

54493D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 654525 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 #654525 looks like.

```
.text, #text, p{  
    color:#654525  
}
```

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 #654525 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #654525
}
```

## Border

The CSS property to change the border of an element to Hex 654525 is called "border". The border property can be set on classes, ids or directly on the HTML element.

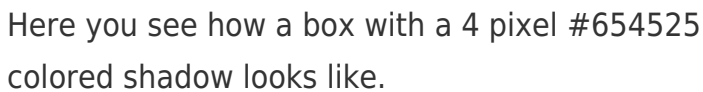
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#654525 }
```

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

```
.border{ border-color:#654525 }
```

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



Here you see how a box with a 4 pixel #654525 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #654525; -webkit-box-shadow:4px 4px  
4px 4px #654525; box-shadow:4px 4px 4px  
4px #654525 }
```

# Background

The CSS property to change the background color of an element to Hex 654525 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#654525 }
```

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

```
.background{ background-color:#654525 }
```

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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