

# Converting Colors

Hex(635537)

Have a look what the booklet for  
Hex(635537) contains.

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# Color

**Hex(635537)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	635537
RGB	99, 85, 55
RGB Percent	39%, 33%, 22%
CMY	0.6118, 0.6667, 0.7843
CMYK	0.00, 0.14, 0.44, 0.61
HSL	41°, 29%, 30%
HSV	41°, 44%, 39%
XYZ	9.0837, 9.4255, 4.9550
YIQ	85.7660, 17.9740, -6.3620

# Conversions

## Conversions Part 2

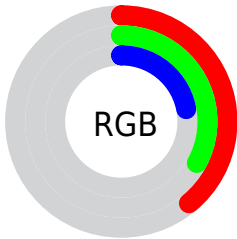
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	76, 99, 55
Decimal	6509879
CIE <sub>Lab</sub>	36.79, 1.05, 19.61
CIE <sub>LCh</sub>	37, 19.643, 86.925
Yxy	9.4255, 0.3871, 0.4017
Android (android.graphics.Color)	4284699959 (0xFF635537)
YUV	85.7660, -15.1676, 11.6062
Hunter-Lab	30.7010, -0.9128, 11.9216

# Details

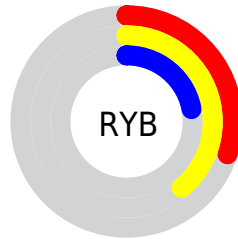
The Hex color **635537** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **374563**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **978766**, and **33280C** is the 20% darker color. If you saturate the color by 10%, you get **63522D**, and if you desaturate by 10%, it is **635841**.

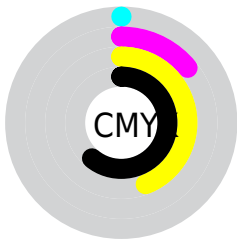
# Distribution



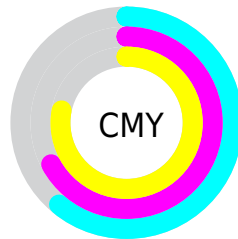
- Red (39%)
- Green (33%)
- Blue (22%)



- Red (30%)
- Yellow (39%)
- Blue (22%)



- Cyan (0%)
- Magenta (14%)
- Yellow (44%)
- Black (61%)



- Cyan (61%)
- Magenta (67%)
- Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 635537 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 635537 by changing the saturation by 10% instead.



 635537

 635537

FFFFFF

 4A3E21

 978766

 33280C

 B2A17F

 1D1400

 CEBC99

 000000

 EAD7B4

 FFF4D0

 FFFFEC

 635537

 635537

 63522D

 635841

■ 634F23

■ 635B4B

■ 634C19

■ 635E55

■ 63480F

■ 63625F

■ 634506

■ 636569

■ 634400

■ 636872

■ 636B7C

■ 636E86

■ 637190

# Harmonies

## Analogous

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



6F503D



635537



535A3A

# Triad

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



635537



225F64



694E68

# Complementary

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



635537



374563

# 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.



565373



635537



295D71

# Square

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



635537



2E5F54



3F5976



744B59

# Rectangle

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



635537



475C41



3F5976



644F6C



# Sweetspot

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



635537



807A6F



633746



403D36



BFBFBF



404040



# Same Dimension

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



635537



806A3C



5C6337



302F2C



704C00



F0A300



# Inverse Universe

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



374563



3C5180



3E3763



2C2D30



002470

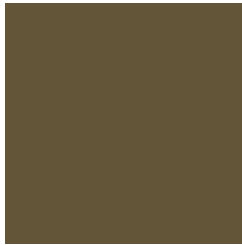


004CF0



# Previews

## White Background



This preview shows how the Hex color 635537 looks on a white background.

## Color Contrast Check

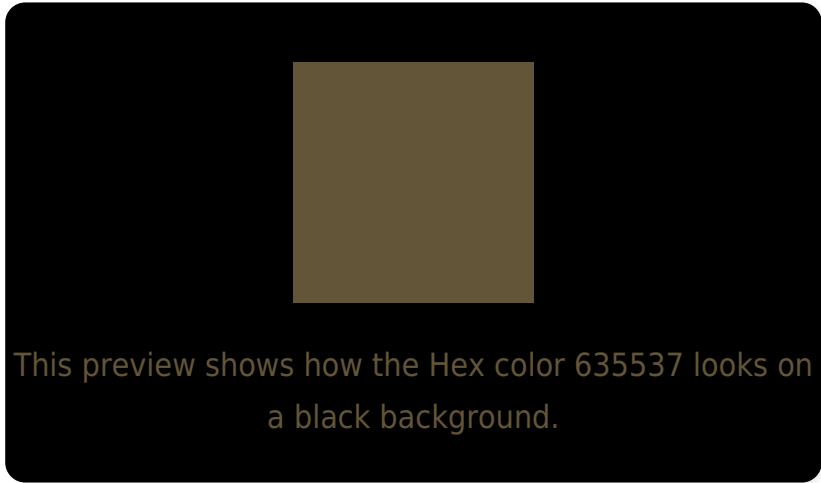
Large Text (above 18pt) WCAG AA ✓ Pass

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 635537 Background



This preview shows how black text looks on a background with the Hex color 635537.

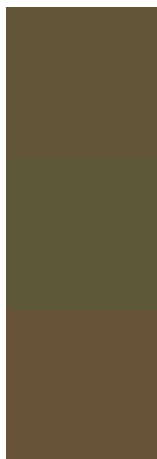


This preview shows how white text looks on a background with the Hex color 635537.

# 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**  
635537

**Protanopia**  
5E5738

**Deuteranopia**  
685337



**Tritanopia**  
665157

# Trichromacy



**Original Color**  
635537

**Protanomaly**  
605638

**Deuteranomaly**  
665437

**Tritanomaly**  
65524B

# Monochromacy



**Original Color**  
635537

**Achromatopsia**  
565656

**Achromatomaly**  
5B564B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 635537 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 #635537 looks like.

```
.text, #text, p{  
    color:#635537  
}
```

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 #635537 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #635537
}
```

## Border

The CSS property to change the border of an element to Hex 635537 is called "border". The border property can be set on classes, ids or directly on the HTML element.

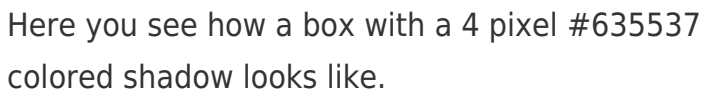
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#635537 }
```

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

```
.border{ border-color:#635537 }
```

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



Here you see how a box with a 4 pixel #635537 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #635537; -webkit-box-shadow:4px 4px  
4px 4px #635537; box-shadow:4px 4px 4px  
4px #635537 }
```

# Background

The CSS property to change the background color of an element to Hex 635537 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#635537 }
```

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

```
.background{ background-color:#635537 }
```

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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