

# Converting Colors

Hex(636157)

Have a look what the booklet for  
Hex(636157) contains.

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# Color

**Hex(636157)**

# Conversions

## Conversions Part 1

Format	Color
Hex	636157
RGB	99, 97, 87
RGB Percent	39%, 38%, 34%
CMY	0.6118, 0.6196, 0.6588
CMYK	0.00, 0.02, 0.12, 0.61
HSL	50°, 6%, 36%
HSV	50°, 12%, 39%
XYZ	11.1406, 11.8902, 10.7247
YIQ	96.4580, 4.4020, -2.6860

# Conversions

## Conversions Part 2

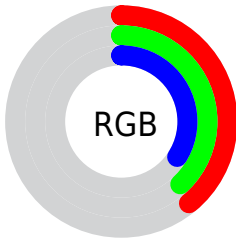
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	89, 99, 87
Decimal	6512983
CIE Lab	41.04, -1.17, 5.98
CIE LCh	41, 6.096, 101.072
Yxy	11.8902, 0.3300, 0.3522
Android (android.graphics.Color)	4284703063 (0xFF636157)
YUV	96.4580, -4.6628, 2.2293
Hunter-Lab	34.4821, -2.6734, 5.6970

# Details

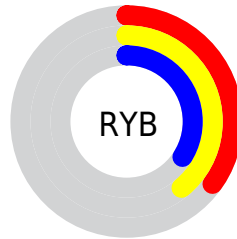
The Hex color **636157** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **575963**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **969489**, and **34332A** is the 20% darker color. If you saturate the color by 10%, you get **635F4D**, and if you desaturate by 10%, it is **636361**.

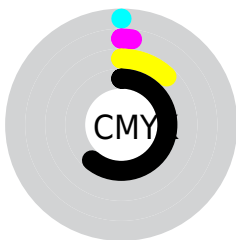
# Distribution



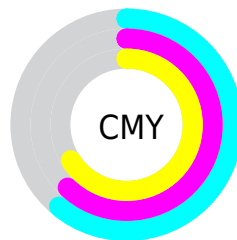
- Red (39%)
- Green (38%)
- Blue (34%)



- Red (35%)
- Yellow (39%)
- Blue (34%)



- Cyan (0%)
- Magenta (2%)
- Yellow (12%)
- Black (61%)



- Cyan (61%)
- Magenta (62%)
- Yellow (66%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 636157 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 636157 by changing the saturation by 10% instead.





636157



636157

FFFFFF



4B4940



969489



34332A



B0AEA3



1F1E15



CCC9BE



030500



E8E6DA



000000



FFFFFF6



636157



636157



635F4D



636361



635E43



63646B

■ 635C39

■ 636675

■ 635A2F

■ 63687F

■ 635926

■ 636989

■ 63571C

■ 636B92

■ 635512

■ 636D9C

■ 635408

■ 636EA6

■ 635200

■ 6370B0

# Harmonies

## Analogous

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



685F57



636157



5D6359

# Triad

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



636157



556367



695E64

# Complementary

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



636157



575963

# 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.



645F68



636157



58626A

# Square

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



636157



556462



5E616A



6C5D5F

# Rectangle

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



636157



5A635C



5E616A



685E66



# Sweetspot

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



636157



807F7A



635759



403F3D



BFBFBF



404040

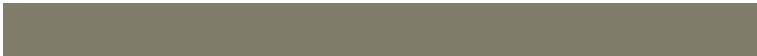


# Same Dimension

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



636157



807C6C



5F6357



30302C



705D00



F0C800



# Inverse Universe

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



575963



6C7080



5B5763



2C2C30



001370



0028F0



# Previews

## White Background



This preview shows how the Hex color 636157 looks on a white background.

## Color Contrast Check

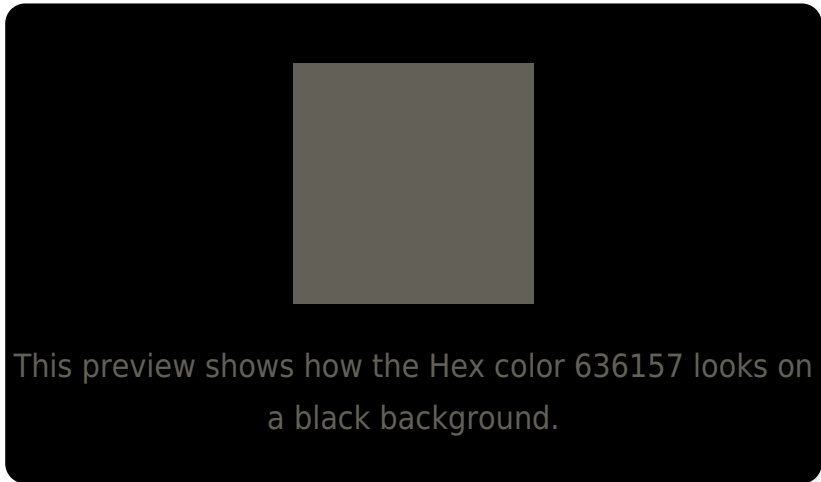
Large Text (above 18pt) WCAG AA ✓ Pass

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

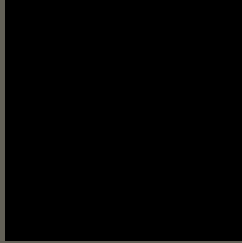
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 636157 Background



This preview shows how black text looks on a background with the Hex color 636157.

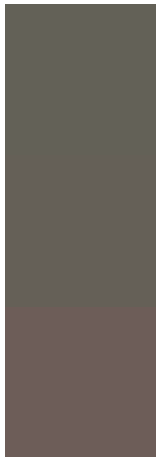


This preview shows how white text looks on a background with the Hex color 636157.

# 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**  
636157

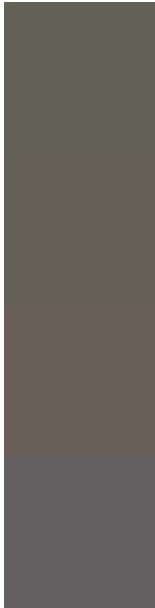
**Protanopia**  
656057

**Deuteranopia**  
6D5D58



**Tritanopia**  
655F66

# Trichromacy



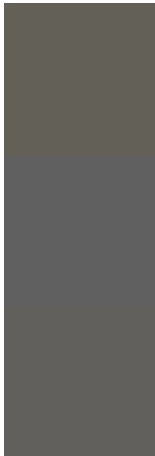
**Original Color**  
636157

**Protanomaly**  
646057

**Deuteranomaly**  
695E58

**Tritanomaly**  
646061

# Monochromacy



**Original Color**  
636157

**Achromatopsia**  
606060

**Achromatomaly**  
61605D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 636157 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 #636157 looks like.

```
.text, #text, p{  
    color:#636157  
}
```

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 #636157 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #636157
}
```

## Border

The CSS property to change the border of an element to Hex 636157 is called "border". The border property can be set on classes, ids or directly on the HTML element.

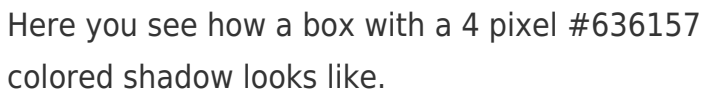
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#636157 }
```

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

```
.border{ border-color:#636157 }
```

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



Here you see how a box with a 4 pixel #636157 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #636157; -webkit-box-shadow:4px 4px  
4px 4px #636157; box-shadow:4px 4px 4px  
4px #636157 }
```

# Background

The CSS property to change the background color of an element to Hex 636157 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#636157 }
```

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

```
.background{ background-color:#636157 }
```

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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