

# Converting Colors

Hex(615B41)

Have a look what the booklet for  
Hex(615B41) contains.

<b>Hex(615B41)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(615B41)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	615B41
RGB	97, 91, 65
RGB Percent	38%, 36%, 25%
CMY	0.6196, 0.6431, 0.7451
CMYK	0.00, 0.06, 0.33, 0.62
HSL	49°, 20%, 32%
HSV	49°, 33%, 38%
XYZ	9.6250, 10.4052, 6.5021
YIQ	89.8300, 11.9220, -6.8140

# Conversions

## Conversions Part 2

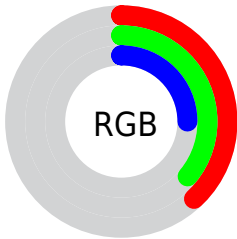
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	72, 97, 65
Decimal	6380353
CIE <sub>Lab</sub>	38.56, -2.12, 15.90
CIE <sub>LCh</sub>	39, 16.036, 97.591
Yxy	10.4052, 0.3628, 0.3922
Android (android.graphics.Color)	4284570433 (0xFF615B41)
YUV	89.8300, -12.2412, 6.2881
Hunter-Lab	32.2571, -3.1885, 10.6288

# Details

The Hex color **615B41** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **414761**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **948D71**, and **322D16** is the 20% darker color. If you saturate the color by 10%, you get **615937**, and if you desaturate by 10%, it is **615D4B**.

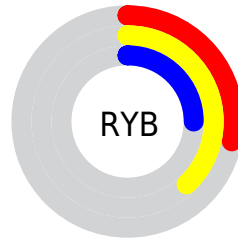
# Distribution



 Red (38%)

 Green (36%)

 Blue (25%)



 Red (28%)

 Yellow (38%)

 Blue (25%)

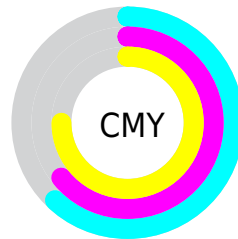


 Cyan (0%)

 Magenta (6%)

 Yellow (33%)

 Black (62%)



 Cyan (62%)

 Magenta (64%)

 Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 615B41 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 615B41 by changing the saturation by 10% instead.





615B41



615B41

FFFFFF



49442B



948D71



322D16



AFA78B



1E1900



CAC3A5



000000



E7DEC0



FFFBDC



FFFFFF9



615B41



615B41



615937



615D4B

■ 61572E

■ 615F54

■ 615624

■ 61605E

■ 61541A

■ 616268

■ 615211

■ 616472

■ 615007

■ 61667B

■ 614F00

■ 616885

■ 616A8F

■ 616B98

# Harmonies

## Analogous

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



6D5743



615B41



535F46

# Triad

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



615B41



35616A



6E5365

# Complementary

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



615B41



414761

# 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.



61566F



615B41



3E5F72

# Square

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



615B41



38625E



4F5B74



755158

# Rectangle

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



615B41



49614C



4F5B74



6B5469



# Sweetspot

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



615B41



7D7B70



614147



403E38



BFBFBF



404040



# Same Dimension

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



615B41



7D744B



576141



30302C



705B00



F0C300



# Inverse Universe

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



414761



4B547D



4B4161



2C2D30



001570



002DF0



# Previews

## White Background



This preview shows how the Hex color 615B41 looks on a white background.

## Color Contrast Check

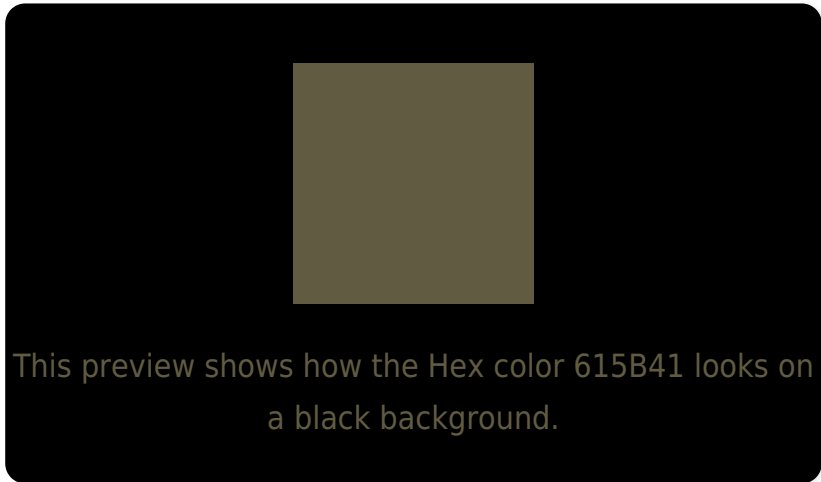
Large Text (above 18pt) WCAG AA ✓ Pass

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

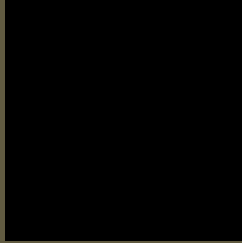
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

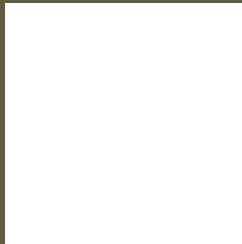
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 615B41 Background



This preview shows how black text looks on a background with the Hex color 615B41.

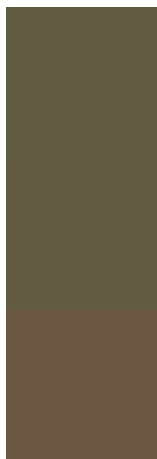


This preview shows how white text looks on a background with the Hex color 615B41.

# 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**  
615B41

**Protanopia**  
625B41

**Deuteranopia**  
6C5742



**Tritanopia**  
64575E

# Trichromacy



**Original Color**  
615B41

**Protanomaly**  
625B41

**Deuteranomaly**  
685842

**Tritanomaly**  
635853

# Monochromacy



**Original Color**  
615B41

**Achromatopsia**  
5A5A5A

**Achromatomaly**  
5D5A51

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 615B41 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 #615B41 looks like.

```
.text, #text, p{  
    color:#615B41  
}
```

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 #615B41 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #615B41
}
```

## Border

The CSS property to change the border of an element to Hex 615B41 is called "border". The border property can be set on classes, ids or directly on the HTML element.

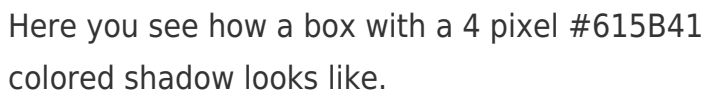
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#615B41 }
```

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

```
.border{ border-color:#615B41 }
```

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



Here you see how a box with a 4 pixel #615B41 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #615B41; -webkit-box-shadow:4px 4px  
4px 4px #615B41; box-shadow:4px 4px 4px  
4px #615B41 }
```

# Background

The CSS property to change the background color of an element to Hex 615B41 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#615B41 }
```

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

```
.background{ background-color:#615B41 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor