

Converting Colors

Hex(615A38)

Have a look what the booklet for
Hex(615A38) contains.

Hex(615A38)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(615A38)

Conversions

Conversions Part 1

Format	Color
Hex	615A38
RGB	97, 90, 56
RGB Percent	38%, 35%, 22%
CMY	0.6196, 0.6471, 0.7804
CMYK	0.00, 0.07, 0.42, 0.62
HSL	50°, 27%, 30%
HSV	50°, 42%, 38%
XYZ	9.2997, 10.1392, 5.2083
YIQ	88.2170, 15.0860, -9.0900

Conversions

Conversions Part 2

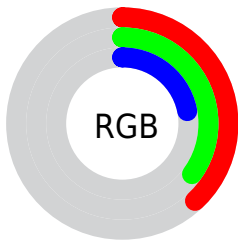
Format	Color
RYB	64, 97, 56
Decimal	6380088
CIELab	38.09, -2.75, 20.66
CIElCh	38, 20.842, 97.589
Yxy	10.1392, 0.3773, 0.4114
Android (android.graphics.Color)	4284570168 (0xFF615A38)
YUV	88.2170, -15.8830, 7.7027
Hunter-Lab	31.8422, -3.5916, 12.5917

Details

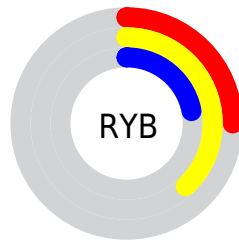
The Hex color **615A38** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **383F61**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **948C67**, and **312D0D** is the 20% darker color. If you saturate the color by 10%, you get **61582E**, and if you desaturate by 10%, it is **615C42**.

Distribution



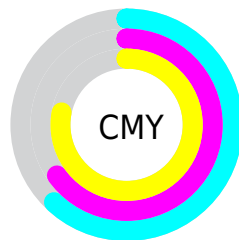
- Red (38%)
- Green (35%)
- Blue (22%)



- Red (25%)
- Yellow (38%)
- Blue (22%)



- Cyan (0%)
- Magenta (7%)
- Yellow (42%)
- Black (62%)



- Cyan (62%)
- Magenta (65%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 615A38 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 615A38 by changing the saturation by 10% instead.

■ 615A38

■ 615A38

FFFFFF

■ 494322

■ 948C67

■ 312D0D

■ AFA681

■ 1C1800

■ CBC19B

■ 000000

■ E7DDB6

■ FFFAD1

■ FFFFEE

■ 615A38

■ 615A38

■ 61582E

■ 615C42

■ 615725

■ 615D4B

■ 61551B

■ 615F55

■ 615311

■ 61615F

■ 615207

■ 616268

■ 615000

■ 616472

■ 61667C

■ 616786

■ 61698F

Harmonies

Analogous

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



70543B



615A38



4F5F3E

Triad

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



615A38



1F626E



734F67

Complementary

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



615A38



383F61

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.



615474



615A38



2F5F78

Square

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



615A38



27635E



495A7B



7B4D56

Rectangle

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



615A38



416147



495A7B



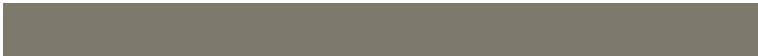
6E506C

Sweetspot

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



615A38



7D7A6D



613840



403E36



BFBFBF



404040

Same Dimension

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



615A38



7D723D



546138



30302C



705D00



F0C700

Inverse Universe

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



383F61



3D487D



453861



2C2C30



001370



0029F0

Previews

White Background



This preview shows how the Hex color 615A38 looks on a white background.

Color Contrast Check

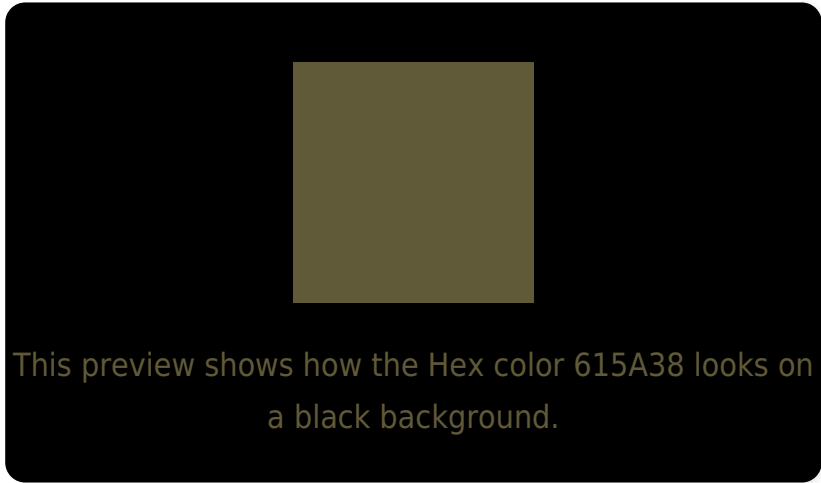
Large Text (above 18pt) WCAG AA ✓ Pass

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

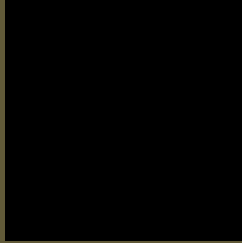
Any Text WCAG AA × Fail

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 615A38 Background



This preview shows how black text looks on a background with the Hex color 615A38.



This preview shows how white text looks on a background with the Hex color 615A38.

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


615A38

Protanopia

625A38

Deuteranopia

6C5639



Tritanopia
65565C

Trichromacy



Original Color
615A38

Protanomaly
625A38

Deuteranomaly
685739

Tritanomaly
64574F

Monochromacy



Original Color
615A38

Achromatopsia
585858

Achromatomaly
5B594C

CSS Examples

Text

The CSS property to change the color of the text to Hex 615A38 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 #615A38 looks like.

```
.text, #text, p{  
    color:#615A38  
}
```

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 #615A38 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #615A38  
}
```

Border

The CSS property to change the border of an element to Hex 615A38 is called "border". The border property can be set on classes, ids or directly on the HTML element.

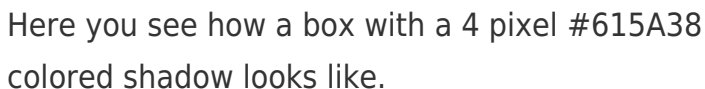
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#615A38 }
```

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

```
.border{ border-color:#615A38 }
```

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



Here you see how a box with a 4 pixel #615A38 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #615A38; -webkit-box-shadow:4px 4px  
4px 4px #615A38; box-shadow:4px 4px 4px  
4px #615A38 }
```

Background

The CSS property to change the background color of an element to Hex 615A38 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#615A38 }
```

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

```
.background{ background-color:#615A38 }
```

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