

# Converting Colors

Hex(615D45)

Have a look what the booklet for  
Hex(615D45) contains.

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# Color

Hex(615D45)

# Conversions

## Conversions Part 1

Format	Color
Hex	615D45
RGB	97, 93, 69
RGB Percent	38%, 36%, 27%
CMY	0.6196, 0.6353, 0.7294
CMYK	0.00, 0.04, 0.29, 0.62
HSL	51°, 17%, 33%
HSV	51°, 29%, 38%
XYZ	9.9183, 10.7998, 7.1920
YIQ	91.4600, 10.0880, -6.6160

# Conversions

## Conversions Part 2

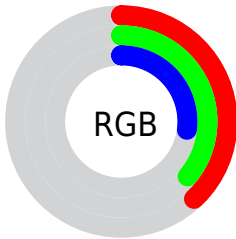
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	74, 97, 69
Decimal	6380869
CIE Lab	39.24, -2.71, 14.40
CIE LCh	39, 14.650, 100.662
Yxy	10.7998, 0.3554, 0.3869
Android (android.graphics.Color)	4284570949 (0xFF615D45)
YUV	91.4600, -11.0728, 4.8586
Hunter-Lab	32.8630, -3.6376, 10.0285

# Details

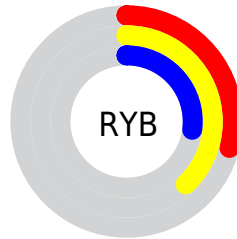
The Hex color **615D45** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **454961**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **948F75**, and **322F1A** is the 20% darker color. If you saturate the color by 10%, you get **615C3B**, and if you desaturate by 10%, it is **615E4F**.

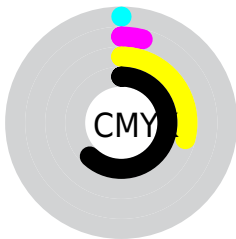
# Distribution



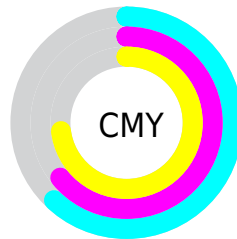
- Red (38%)
- Green (36%)
- Blue (27%)



- Red (29%)
- Yellow (38%)
- Blue (27%)



- Cyan (0%)
- Magenta (4%)
- Yellow (29%)
- Black (62%)



- Cyan (62%)
- Magenta (64%)
- Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 615D45 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 615D45 by changing the saturation by 10% instead.





615D45



615D45

FFFFFF



49452F



948F75



322F1A



AFAA8F



1E1A00



CAC5AA



000000



E6E1C5



FFFDE1

FFFFFFD



615D45



615D45



615C3B



615E4F

■ 615A32

■ 616058

■ 615928

■ 616162

■ 61571E

■ 61636C

■ 615614

■ 616475

■ 61550B

■ 61657F

■ 615301

■ 616789

■ 615300

■ 616893

■ 61699C

# Harmonies

## Analogous

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



6C5946



615D45



54604A

# Triad

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



615D45



3B626B



6F5565

# Complementary

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



615D45



454961

# 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.



64586F



615D45



456073

# Square

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



615D45



3D6360



545C74



755459

# Rectangle

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



615D45



4B6250



545C74



6C5668



# Sweetspot

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



615D45



7D7B72



614549



403F39



BFBFBF



404040



# Same Dimension

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



615D45



7D7751



576145



30302C



706000



F0CD00



# Inverse Universe

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



454961



51577D



4F4561



2C2C30



001070



0022F0



# Previews

## White Background



This preview shows how the Hex color 615D45 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

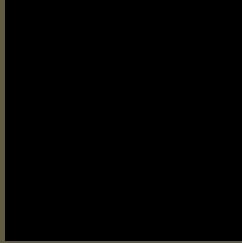
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

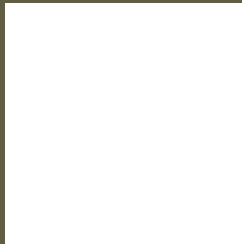
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 615D45 Background



This preview shows how black text looks on a background with the Hex color 615D45.



This preview shows how white text looks on a background with the Hex color 615D45.

# 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**  
615D45

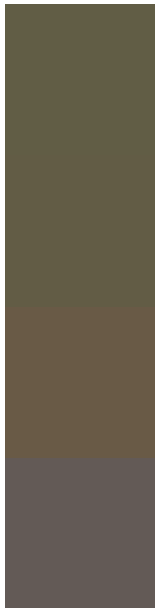
**Protanopia**  
635C45

**Deuteranopia**  
6D5946



**Tritanopia**  
645960

# Trichromacy



**Original Color**  
615D45

**Protanomaly**  
625C45

**Deuteranomaly**  
695A46

**Tritanomaly**  
635A56

# Monochromacy



**Original Color**  
615D45

**Achromatopsia**  
5B5B5B

**Achromatomaly**  
5D5C53

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 615D45 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 #615D45 looks like.

```
.text, #text, p{  
    color:#615D45  
}
```

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 #615D45 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #615D45
}
```

## Border

The CSS property to change the border of an element to Hex 615D45 is called "border". The border property can be set on classes, ids or directly on the HTML element.

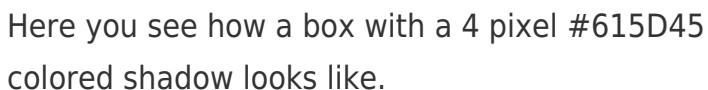
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#615D45 }
```

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

```
.border{ border-color:#615D45 }
```

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



Here you see how a box with a 4 pixel #615D45 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #615D45; -webkit-box-shadow:4px 4px  
4px 4px #615D45; box-shadow:4px 4px 4px  
4px #615D45 }
```

# Background

The CSS property to change the background color of an element to Hex 615D45 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#615D45 }
```

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

```
.background{ background-color:#615D45 }
```

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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