

# Converting Colors

Hex(616459)

Have a look what the booklet for  
Hex(616459) contains.

<b>Hex(616459)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(616459)**

# Conversions

## Conversions Part 1

Format	Color
Hex	616459
RGB	97, 100, 89
RGB Percent	38%, 39%, 35%
CMY	0.6196, 0.6078, 0.6510
CMYK	0.03, 0.00, 0.11, 0.61
HSL	76°, 6%, 37%
HSV	76°, 11%, 39%
XYZ	11.2901, 12.3770, 11.2451
YIQ	97.8490, 1.7430, -4.0570

# Conversions

## Conversions Part 2

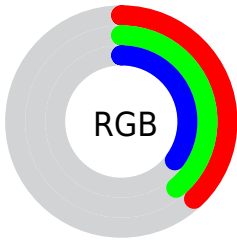
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	89, 100, 92
Decimal	6382681
CIE <sub>Lab</sub>	41.81, -3.39, 5.84
CIE <sub>LCh</sub>	42, 6.750, 120.164
Yxy	12.3770, 0.3234, 0.3545
Android (android.graphics.Color)	4284572761 (0xFF616459)
YUV	97.8490, -4.3626, -0.7446
Hunter-Lab	35.1810, -4.2833, 5.6754

# Details

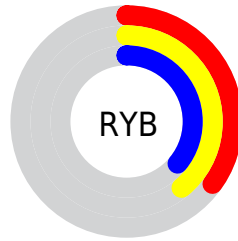
The Hex color **616459** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **5C5964**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **94978B**, and **33352C** is the 20% darker color. If you saturate the color by 10%, you get **5E644F**, and if you desaturate by 10%, it is **646463**.

# Distribution



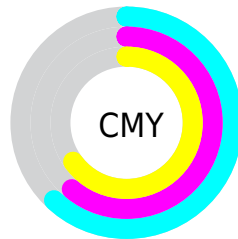
- Red (38%)
- Green (39%)
- Blue (35%)



- Red (35%)
- Yellow (39%)
- Blue (36%)



- Cyan (3%)
- Magenta (0%)
- Yellow (11%)
- Black (61%)



- Cyan (62%)
- Magenta (61%)
- Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 616459 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 616459 by changing the saturation by 10% instead.



616459

616459

FFFFFF

494C42

94978B

33352C

AEB1A5

1E2017

CACDC0

010900

E6E9DC

000000

FFFFF9

616459

616459

5E644F

646463

5C6445

66646D

■ 59643B

■ 696477

■ 566431

■ 6C6481

■ 536427

■ 6F648B

■ 51641D

■ 716495

■ 4E6413

■ 74649F

■ 4B6409

■ 7764A9

■ 496400

■ 7A64B3

# Harmonies

## Analogous

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



676258



616459



5B655D

# Triad

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



616459



57656C



6E5F63

# Complementary

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



616459



5C5964

# 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.



6A6068



616459



5D636E

# Square

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



616459



556668



64616C



6F5F5D

# Rectangle

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



616459



576661



64616C



6D5F65



# Sweetspot

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



616459



81827E



645C59



424240



C2C2C2



424242



# Same Dimension

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



616459



7D8271



5C6459



32332E



537300



B0F200



# Inverse Universe

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



5C5964



767182



615964



2F2E33



1F0073



4200F2



# Previews

## White Background



This preview shows how the Hex color 616459 looks on a white background.

## Color Contrast Check

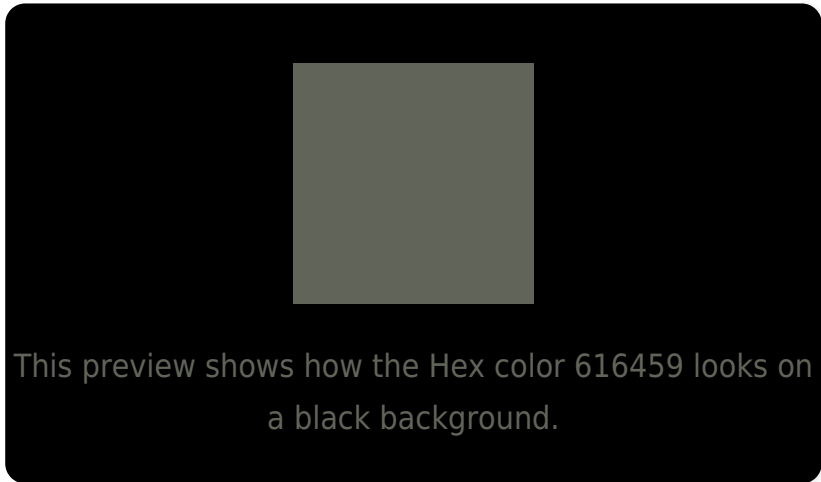
Large Text (above 18pt) WCAG AA ✓ Pass

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

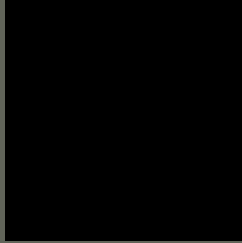
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 616459 Background



This preview shows how black text looks on a background with the Hex color 616459.



This preview shows how white text looks on a background with the Hex color 616459.

# 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**  
616459

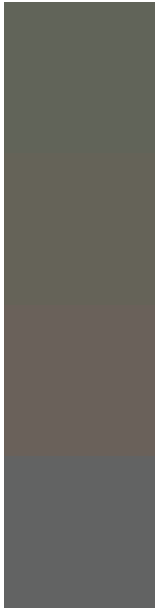
**Protanopia**  
676258

**Deuteranopia**  
6F5F5A



**Tritanopia**  
636269

# Trichromacy



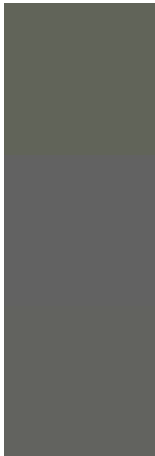
**Original Color**  
616459

**Protanomaly**  
656358

**Deuteranomaly**  
6A615A

**Tritanomaly**  
626363

# Monochromacy



**Original Color**  
616459

**Achromatopsia**  
626262

**Achromatomaly**  
62635F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 616459 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 #616459 looks like.

```
.text, #text, p{  
    color:#616459  
}
```

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 #616459 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #616459
}
```

## Border

The CSS property to change the border of an element to Hex 616459 is called "border". The border property can be set on classes, ids or directly on the HTML element.

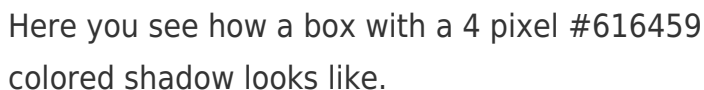
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#616459 }
```

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

```
.border{ border-color:#616459 }
```

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



Here you see how a box with a 4 pixel #616459 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #616459; -webkit-box-shadow:4px 4px  
4px 4px #616459; box-shadow:4px 4px 4px  
4px #616459 }
```

# Background

The CSS property to change the background color of an element to Hex 616459 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#616459 }
```

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

```
.background{ background-color:#616459 }
```

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