

# Converting Colors

Hex(604341)

Have a look what the booklet for  
Hex(604341) contains.

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**Color**

**Hex(604341)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	604341
RGB	96, 67, 65
RGB Percent	38%, 26%, 25%
CMY	0.6235, 0.7373, 0.7451
CMYK	0.00, 0.30, 0.32, 0.62
HSL	4°, 19%, 32%
HSV	4°, 32%, 38%
XYZ	7.7852, 6.8828, 5.9192
YIQ	75.4430, 17.9260, 5.5260

# Conversions

## Conversions Part 2

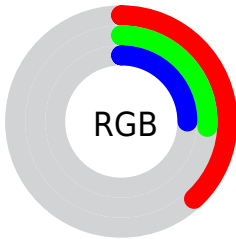
<b>Format</b>	<b>Color</b>
<b>RYB</b>	96, 67, 65
Decimal	6308673
CIELab	31.54, 12.24, 6.20
CIElCh	32, 13.716, 26.867
Yxy	6.8828, 0.3782, 0.3343
Android (android.graphics.Color)	4284498753 (0xFF604341)
YUV	75.4430, -5.1484, 18.0285
Hunter-Lab	26.2350, 7.0581, 4.9874




# Details

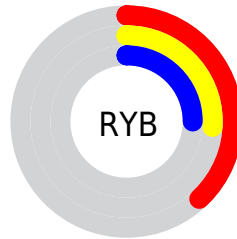
The Hex color **604341** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **415E60**, and the grayscale version is **4B4B4B**.




A 20% lighter version of the original color is **937371**, and **301817** is the 20% darker color. If you saturate the color by 10%, you get **603A37**, and if you desaturate by 10%, it is **604C4B**.

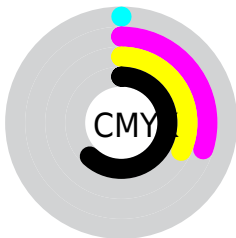
# Distribution







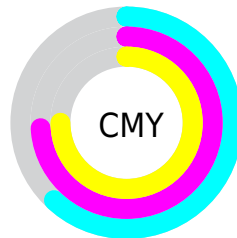
-  Red (38%)
-  Green (26%)
-  Blue (25%)






-  Red (38%)
-  Yellow (26%)
-  Blue (25%)



-  Cyan (0%)
-  Magenta (30%)
-  Yellow (32%)
-  Black (62%)



-  Cyan (62%)
-  Magenta (74%)
-  Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 604341 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 604341 by changing the saturation by 10% instead.



■ 604341

■ 604341

FFFFFF

■ 482D2B

■ 937371

■ 301817

■ AE8D8A

■ 1D0000

■ CAA7A4

■ 000000

■ E6C2C0

■ FFDEDB

■ FFFBF8

■ 604341

■ 604341

■ 603A37

■ 604C4B

60312E

605554

602824

605E5E

601F1B

606767

601611

607071

600D07

60797B

600600

608284

608B8E

609497

# Harmonies

## Analogous

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



5F434C



604341



5C4639

# Triad

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



604341



3C4F3E



3C4C5F

# Complementary

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



604341



415E60

# 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.



2F4E5C



604341



305049

# Square

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



604341



484C37



2B5053



4A485D

# Rectangle

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



604341



564835



2B5053



374D5F



# Sweetspot

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



604341



7D7170



60415E



403938



BFBFBF



404040



# Same Dimension

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



604341



7D4F4C



605241



302C2C



700700



F00F00



# Inverse Universe

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



415E60



4C7A7D



414F60



2C3030



006970



00E0F0



# Previews

## White Background



This preview shows how the Hex color 604341 looks on a white background.

## Color Contrast Check

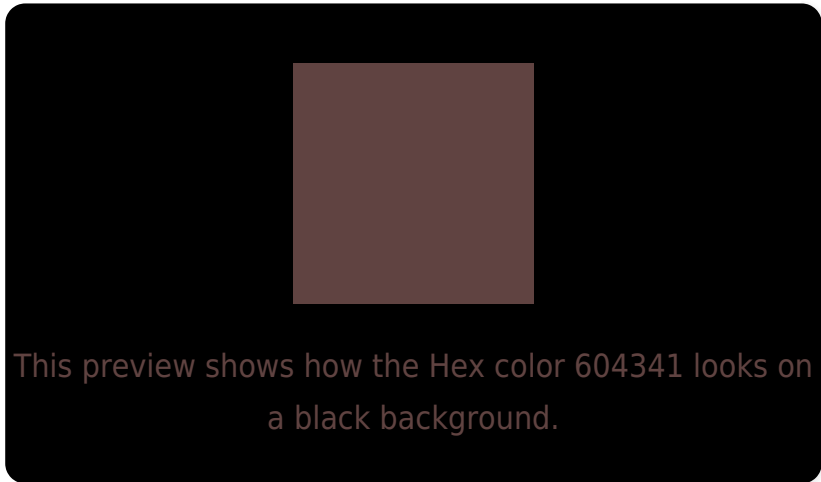
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 604341 Background



This preview shows how black text looks on a background with the Hex color 604341.

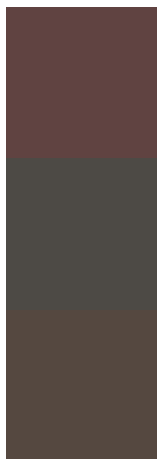


This preview shows how white text looks on a background with the Hex color 604341.

# 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**  
604341

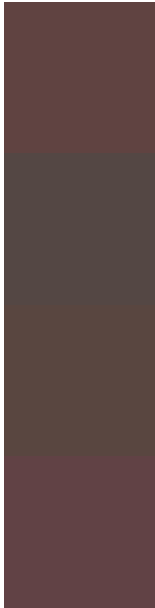
**Protanopia**  
4D4A45

**Deuteranopia**  
554840



**Tritanopia**  
614247

# Trichromacy



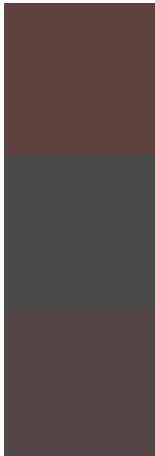
**Original Color**  
604341

**Protanomaly**  
544744

**Deuteranomaly**  
594640

**Tritanomaly**  
614245

# Monochromacy



**Original Color**  
604341

**Achromatopsia**  
4B4B4B

**Achromatomaly**  
534847

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 604341 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 #604341 looks like.

```
.text, #text, p{  
    color:#604341  
}
```

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 #604341 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #604341
}
```

## Border

The CSS property to change the border of an element to Hex 604341 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".

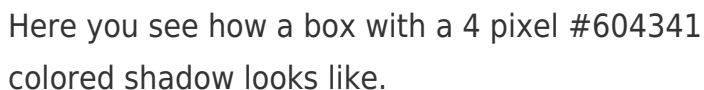
```
.border, #border, table{ border:4px solid
#604341 }
```

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

```
.border{ border-color:#604341 }
```

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

Here you see how a box with a 4 pixel #604341 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #604341; -webkit-box-shadow:4px 4px  
4px 4px #604341; box-shadow:4px 4px 4px  
4px #604341 }
```

# Background

The CSS property to change the background color of an element to Hex 604341 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#604341 }
```

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

```
.background{ background-color:#604341 }
```

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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