

# Converting Colors

Hex(404125)

Have a look what the booklet for  
Hex(404125) contains.

<b>Hex(404125)</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(404125)**

# Conversions

## Conversions Part 1

Format	Color
Hex	404125
RGB	64, 65, 37
RGB Percent	25%, 25%, 15%
CMY	0.7490, 0.7451, 0.8549
CMYK	0.02, 0.00, 0.43, 0.75
HSL	62°, 27%, 20%
HSV	62°, 43%, 25%
XYZ	4.3386, 5.0042, 2.4875
YIQ	61.5090, 8.3920, -8.9200

# Conversions

## Conversions Part 2

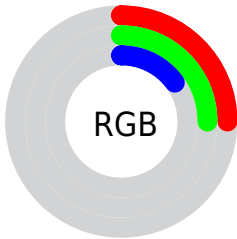
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	37, 65, 38
Decimal	4210981
CIE <sub>Lab</sub>	26.75, -5.56, 16.95
CIE <sub>LCh</sub>	27, 17.840, 108.160
Yxy	5.0042, 0.3667, 0.4230
Android (android.graphics.Color)	4282401061 (0xFF404125)
YUV	61.5090, -12.0829, 2.1846
Hunter-Lab	22.3700, -4.5280, 9.0660

# Details

The Hex color **404125** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **262541**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **707152**, and **141700** is the 20% darker color. If you saturate the color by 10%, you get **40411F**, and if you desaturate by 10%, it is **40412C**.

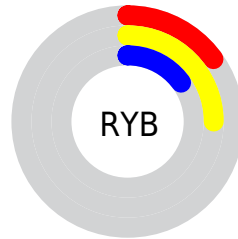
# Distribution



Red (25%)

Green (25%)

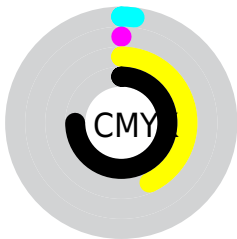
Blue (15%)



Red (15%)

Yellow (25%)

Blue (15%)

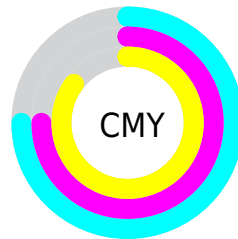


Cyan (2%)

Magenta (0%)

Yellow (43%)

Black (75%)



Cyan (75%)

Magenta (75%)

Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 404125 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 404125 by changing the saturation by 10% instead.





404125



404125

FFFFFF



2A2B10



707152



141700



8A8A6B



000000



A4A484



C0BF9E



DCDBB9



F8F8D5



FFFFFF1



404125



404125

■ 40411F

■ 40412C

■ 404118

■ 404132

■ 3F4112

■ 414139

■ 3F410B

■ 41413F

■ 3F4105

■ 414146

■ 3F4100

■ 41414C

■ 424153

■ 424159

■ 424160

# Harmonies

## Analogous

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



4D3D25



404125



31442D

# Triad

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



404125



0E4553



563545

# Complementary

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



404125



262541

# 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.



4B3951



404125



23425A

# Square

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



404125



0F4747



393E59



5A3537

# Rectangle

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



404125



254635



393E59



53364A



# Sweetspot

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



404125



545449



412625



2B2B24



ABABAB



2B2B2B



# Same Dimension

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



404125



535428



324125



21211E



5D6100



D8E000



# Inverse Universe

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



262541



2A2854



342541



1E1E21



030061



0800E0



# Previews

## White Background



This preview shows how the Hex color 404125 looks on a white background.

## Color Contrast Check

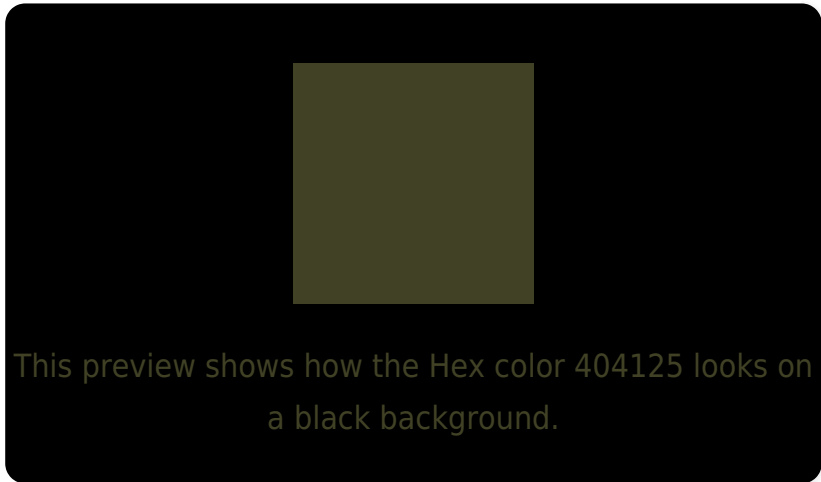
Large Text (above 18pt) WCAG AA ✓ Pass

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

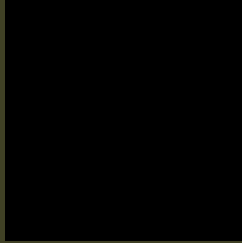
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 404125 Background



This preview shows how black text looks on a background with the Hex color 404125.

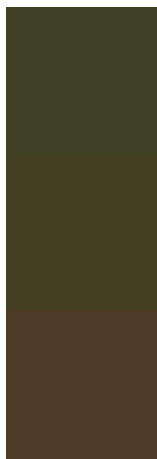


This preview shows how white text looks on a background with the Hex color 404125.

# 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**  
404125

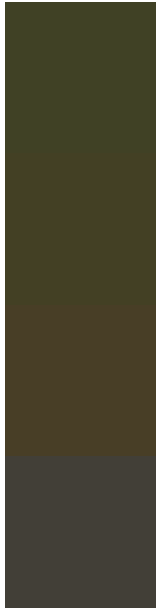
**Protanopia**  
453F24

**Deuteranopia**  
4D3C26



**Tritanopia**  
433E42

# Trichromacy



**Original Color**  
404125

**Protanomaly**  
434024

**Deuteranomaly**  
483E26

**Tritanomaly**  
423F37

# Monochromacy



**Original Color**  
404125

**Achromatopsia**  
3E3E3E

**Achromatomaly**  
3F3F35

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 404125 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 #404125 looks like.

```
.text, #text, p{  
    color:#404125  
}
```

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 #404125 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #404125
}
```

## Border

The CSS property to change the border of an element to Hex 404125 is called "border". The border property can be set on classes, ids or directly on the HTML element.

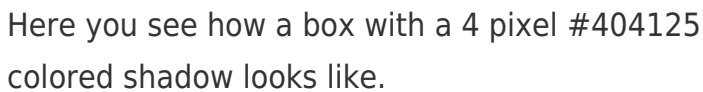
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#404125 }
```

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

```
.border{ border-color:#404125 }
```

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



Here you see how a box with a 4 pixel #404125 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #404125; -webkit-box-shadow:4px 4px  
4px 4px #404125; box-shadow:4px 4px 4px  
4px #404125 }
```

# Background

The CSS property to change the background color of an element to Hex 404125 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#404125 }
```

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

```
.background{ background-color:#404125 }
```

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