

# Converting Colors

Hex(475D51)

Have a look what the booklet for  
Hex(475D51) contains.

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# Color

**Hex(475D51)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	475D51
RGB	71, 93, 81
RGB Percent	28%, 36%, 32%
CMY	0.7216, 0.6353, 0.6824
CMYK	0.24, 0.00, 0.13, 0.64
HSL	147°, 13%, 32%
HSV	147°, 24%, 36%
XYZ	7.9981, 9.7624, 9.2474
YIQ	85.0540, -9.2600, -8.3960

# Conversions

## Conversions Part 2

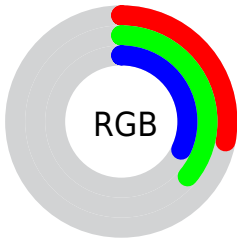
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	71, 86, 93
Decimal	4676945
CIE <sub>Lab</sub>	37.41, -11.12, 4.18
CIE <sub>LCh</sub>	37, 11.880, 159.408
Yxy	9.7624, 0.2961, 0.3615
Android (android.graphics.Color)	4282867025 (0xFF475D51)
YUV	85.0540, -1.9986, -12.3254
Hunter-Lab	31.2448, -8.9857, 4.3236

# Details

The Hex color **475D51** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **5D4753**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **788F82**, and **1B2F24** is the 20% darker color. If you saturate the color by 10%, you get **3E5D4C**, and if you desaturate by 10%, it is **505D56**.

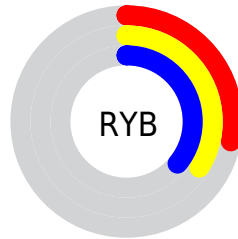
# Distribution



Red (28%)

Green (36%)

Blue (32%)



Red (28%)

Yellow (34%)

Blue (36%)

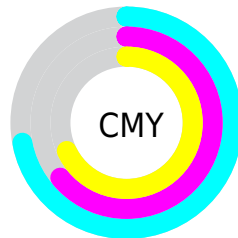


Cyan (24%)

Magenta (0%)

Yellow (13%)

Black (64%)



Cyan (72%)

Magenta (64%)

Yellow (68%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 475D51 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 475D51 by changing the saturation by 10% instead.



■ 475D51

■ 475D51

FFFFFF

■ 30453A

■ 788F82

■ 1B2F24

■ 92AA9C

■ 031B0F

■ ACC5B7

■ 000000

■ C8E1D3

■ E4FEEF

■ 475D51

■ 475D51

■ 3E5D4C

■ 505D56

■ 345D47

■ 5A5D5B

■ 2B5D42

■ 635D60

■ 225D3D

■ 6C5D65

■ 185D38

■ 765D6A

■ 0F5D33

■ 7F5D6F

■ 065D2D

■ 885D75

■ 005D2A

■ 915D7A

■ 9B5D7F

# Harmonies

## Analogous

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



525B49



475D51



405E5B

# Triad

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



475D51



51586B



6B534C

# Complementary

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



475D51



5D4753

# 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.



6C5155



475D51



5D5567

# Square

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



475D51



455B6A



67525F



655546

# Rectangle

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



475D51



3E5D61



67525F



6C524F



# Sweetspot

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



475D51



6F7873



535D47



383D3B



BDBDBD



3D3D3D



# Same Dimension

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



475D51



567866



475D5C



292E2B



006E32



00ED6C



# Inverse Universe

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



5D4753



785669



5D4748



2E292C



6E003C



ED0081



# Previews

## White Background



This preview shows how the Hex color 475D51 looks on a white background.

## Color Contrast Check

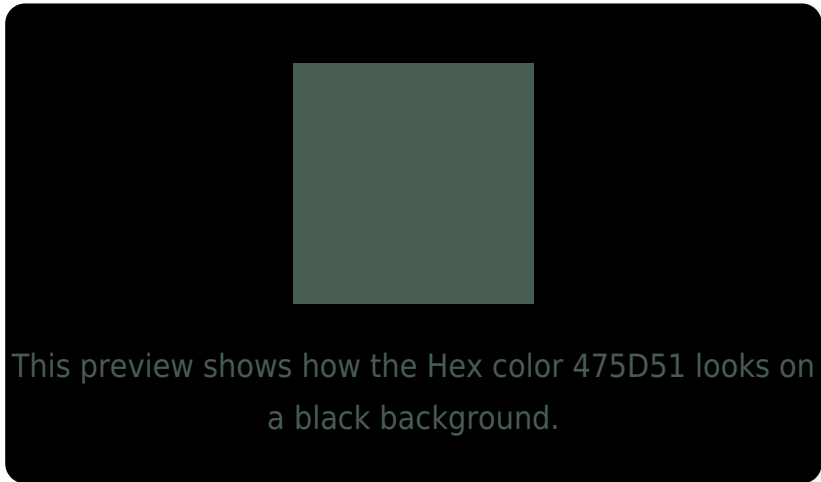
Large Text (above 18pt) WCAG AA ✓ Pass

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

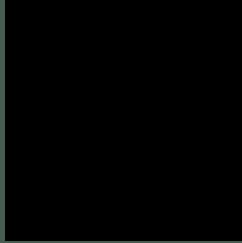
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

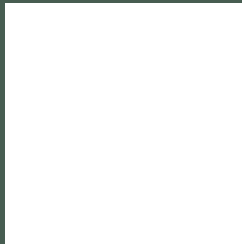
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 475D51 Background



This preview shows how black text looks on a background with the Hex color 475D51.



This preview shows how white text looks on a background with the Hex color 475D51.

# 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](#).

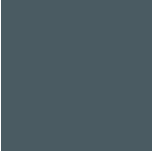
## Dichromacy



**Original Color**  
475D51

**Protanopia**  
5C584E

**Deuteranopia**  
625553



**Tritanopia**  
4A5B62

# Trichromacy



**Original Color**  
475D51

**Protanomaly**  
545A4F

**Deuteranomaly**  
585852

**Tritanomaly**  
495C5C

# Monochromacy



**Original Color**  
475D51

**Achromatopsia**  
555555

**Achromatomaly**  
505854

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 475D51 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 #475D51 looks like.

```
.text, #text, p{  
    color:#475D51  
}
```

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 #475D51 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #475D51
}
```

## Border

The CSS property to change the border of an element to Hex 475D51 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
#475D51 }
```

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

```
.border{ border-color:#475D51 }
```

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

Here you see how a box with a 4 pixel #475D51 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #475D51; -webkit-box-shadow:4px 4px  
4px 4px #475D51; box-shadow:4px 4px 4px  
4px #475D51 }
```

# Background

The CSS property to change the background color of an element to Hex 475D51 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#475D51 }
```

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

```
.background{ background-color:#475D51 }
```

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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