

# Converting Colors

Hex(474D57)

Have a look what the booklet for  
Hex(474D57) contains.

|  |    |
|--|----|
| <b>Hex(474D57)</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(474D57)**

# Conversions

| Conversions Part 1 |                          |
|--------------------|--------------------------|
| Format             | Color                    |
| Hex                | 474D57                   |
| RGB                | 71, 77, 87               |
| RGB Percent        | 28%, 30%, 34%            |
| CMY                | 0.7216, 0.6980, 0.6588   |
| CMYK               | 0.18, 0.11, 0.00, 0.66   |
| HSL                | 218°, 10%, 31%           |
| HSV                | 218°, 18%, 34%           |
| XYZ                | 6.9727, 7.3355, 10.0652  |
| YIQ                | 76.3460, -6.7860, 1.8380 |

# Conversions

## Conversions Part 2

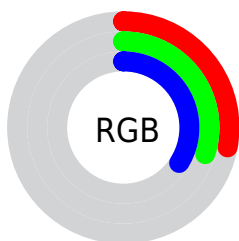
| Format                              | Color                                      |
|-------------------------------------|--|
| <a href="#">RYB</a>                 | <a href="#">71, 75, 87</a>                 |
| Decimal                             | <a href="#">4672855</a>                    |
| CIELab                              | <a href="#">32.56, 0.01, -6.71</a>         |
| CIELCh                              | <a href="#">33, 6.709, 270.049</a>         |
| Yxy                                 | <a href="#">7.3355, 0.2861, 0.3010</a>     |
| Android<br>(android.graphics.Color) | <a href="#">4282862935</a><br>(0xFF474D57) |
| YUV                                 | <a href="#">76.3460, 5.2524, -4.6884</a>   |
| Hunter-Lab                          | <a href="#">27.0841, -1.4428, -3.0750</a>  |

# Details

The Hex color **474D57** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **575147**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **787E89**, and **1B212A** is the 20% darker color. If you saturate the color by 10%, you get **3E4857**, and if you desaturate by 10%, it is **505257**.

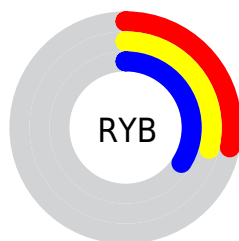
# Distribution



Red (28%)

Green (30%)

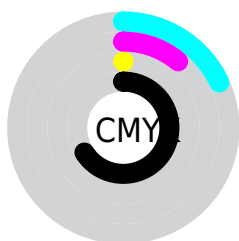
Blue (34%)



Red (28%)

Yellow (29%)

Blue (34%)

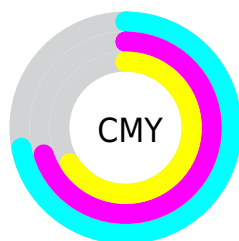


Cyan (18%)

Magenta (11%)

Yellow (0%)

Black (66%)



Cyan (72%)

Magenta (70%)

Yellow (66%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 474D57 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 474D57 by changing the saturation by 10% instead.



 474D57

 474D57

FFFFFF

 303640

 787E89

 1B212A

 9198A3

 020A16

 ACB2BE

 000000

 C7CEDA

 E3EAF6

 474D57


 474D57

 3E4857

 505257

 364257

 585857

 2D3D57 615D57 243757 6A6357 1C3257 736857 132C57 7B6E57 0A2757 847357 012157 8D7957 002157 957E57

# Harmonies

## Analogous

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



424F56



474D57



4E4B56

# Triad

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



474D57



584948



454F47

# Complementary

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



474D57



575147

# 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.



4B4E43



474D57



564B44

# Square

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



474D57



57494D



514C42



41504C

# Rectangle

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



474D57



524A53



514C42



474F46



# Sweetspot

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



474D57



696C70



475751



343638



B8B8B8



383838



# Same Dimension

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



474D57



586170



494757



27292B



00286B



0058EB



# Inverse Universe

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



57474D



705861



555747



2B2729



6B0028

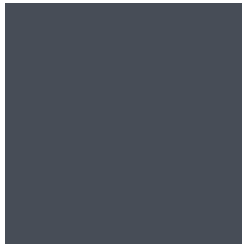


EB0058



# Previews

## White Background



This preview shows how the Hex color 474D57 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



This preview shows how the Hex color 474D57 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

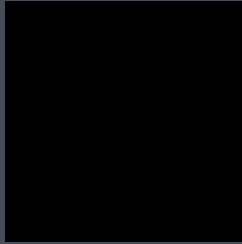
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

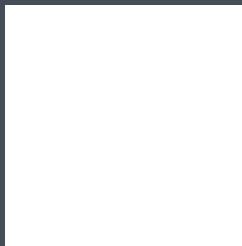
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 474D57 Background



This preview shows how black text looks on a background with the Hex color 474D57.

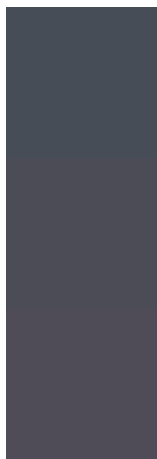


This preview shows how white text looks on a background with the Hex color 474D57.

# 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**

474D57

**Protanopia**

4B4C56

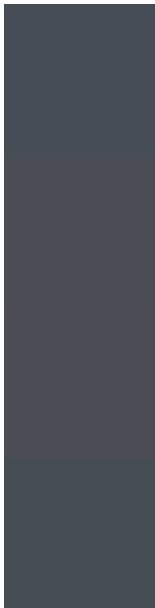
**Deuteranopia**

4F4B57



**Tritanopia**  
464E54

# Trichromacy



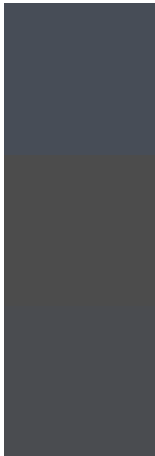
**Original Color**  
474D57

**Protanomaly**  
4A4C56

**Deuteranomaly**  
4C4C57

**Tritanomaly**  
464E55

# Monochromacy



**Original Color**  
474D57

**Achromatopsia**  
4C4C4C

**Achromatomaly**  
4A4C50

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 474D57 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 #474D57 looks like.

```
.text, #text, p{  
    color:#474D57  
}
```

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 #474D57 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #474D57
}
```

## Border

The CSS property to change the border of an element to Hex 474D57 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
#474D57 }
```

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

```
.border{ border-color:#474D57 }
```

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

Here you see how a box with a 4 pixel #474D57 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #474D57; -webkit-box-shadow:4px 4px  
4px 4px #474D57; box-shadow:4px 4px 4px  
4px #474D57 }
```

# Background

The CSS property to change the background color of an element to Hex 474D57 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#474D57 }
```

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

```
.background{ background-color:#474D57 }
```

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