

# Converting Colors

Hex(454D48)

Have a look what the booklet for  
Hex(454D48) contains.

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# Color

**Hex(454D48)**

# Conversions

## Conversions Part 1

Format	Color
Hex	454D48
RGB	69, 77, 72
RGB Percent	27%, 30%, 28%
CMY	0.7294, 0.6980, 0.7176
CMYK	0.10, 0.00, 0.06, 0.70
HSL	143°, 5%, 29%
HSV	143°, 10%, 30%
XYZ	6.2778, 7.0408, 7.1590
YIQ	74.0380, -3.1630, -3.2510

# Conversions

## Conversions Part 2

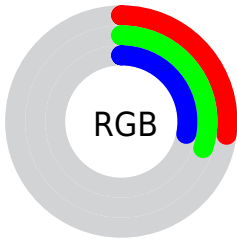
<b>Format</b>	<b>Color</b>
<b>RYB</b>	69, 75, 77
Decimal	4541768
CIELab	31.90, -4.35, 1.86
CIELCh	32, 4.734, 156.821
Yxy	7.0408, 0.3066, 0.3438
Android (android.graphics.Color)	4282731848 (0xFF454D48)
YUV	74.0380, -1.0047, -4.4183
Hunter-Lab	26.5346, -4.2042, 2.5778

# Details

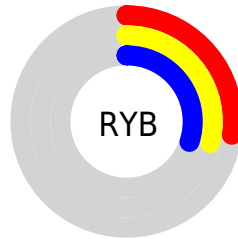
The Hex color **454D48** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **4D454A**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **757E78**, and **1A211D** is the 20% darker color. If you saturate the color by 10%, you get **3D4D43**, and if you desaturate by 10%, it is **4D4D4D**.

# Distribution



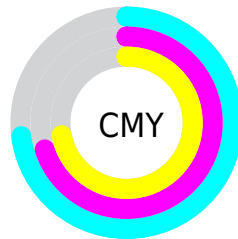
- Red (27%)
- Green (30%)
- Blue (28%)



- Red (27%)
- Yellow (29%)
- Blue (30%)



- Cyan (10%)
- Magenta (0%)
- Yellow (6%)
- Black (70%)



- Cyan (73%)
- Magenta (70%)
- Yellow (72%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 454D48 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 454D48 by changing the saturation by 10% instead.





454D48



454D48

FFFFFF



2F3632



757E78



1A211D



8F9892



000A02



A9B3AD



000000



C4CEC8



E0EAE4

FDFFFF



454D48



454D48



3D4D43



4D4D4D

■ 364D3E

■ 544D52

■ 2E4D3A

■ 5C4D56

■ 264D35

■ 644D5B

■ 1E4D30

■ 6B4D60

■ 174D2B

■ 734D65

■ 0F4D26

■ 7B4D6A

■ 074D22

■ 834D6E

■ 004D1D

■ 8A4D73

# Harmonies

## Analogous

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



494C45



454D48



424D4C

# Triad

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



454D48



484B52



534947

# Complementary

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



454D48



4D454A

# 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.



53494A



454D48



4D4A51

# Square

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



454D48



444C52



51494E



514A44

# Rectangle

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



454D48



424D4E



51494E



534948



# Sweetspot

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



454D48



606362



4A4D45



313332



B3B3B3



333333



# Same Dimension

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



454D48



58635C



454D4C



222624



006626



00E656



# Inverse Universe

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



4D454A



63585F



4D4546



262225



660040

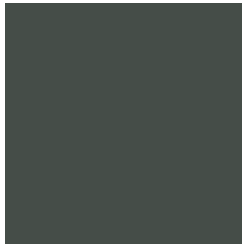


E6008F



# Previews

## White Background



This preview shows how the Hex color 454D48 looks on a white background.

## Color Contrast Check

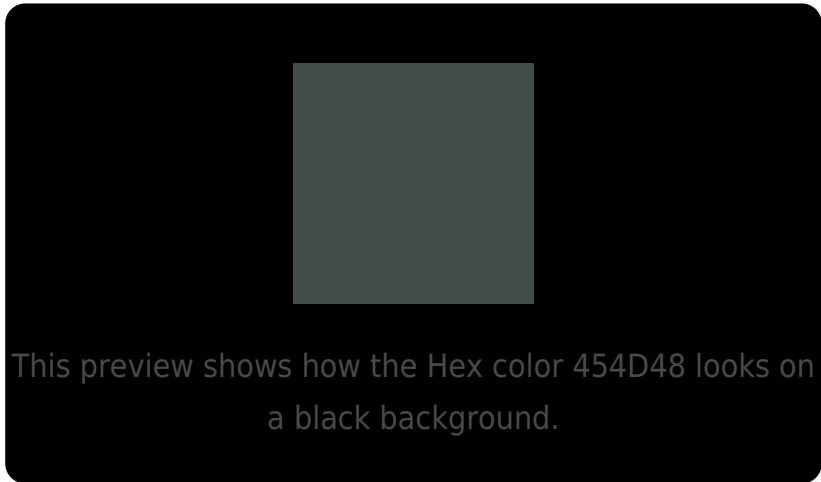
Large Text (above 18pt) WCAG AA ✓ Pass

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

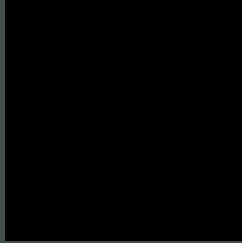
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

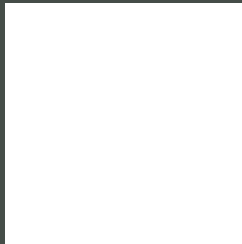
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 454D48 Background



This preview shows how black text looks on a background with the Hex color 454D48.



This preview shows how white text looks on a background with the Hex color 454D48.

# 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**  
454D48

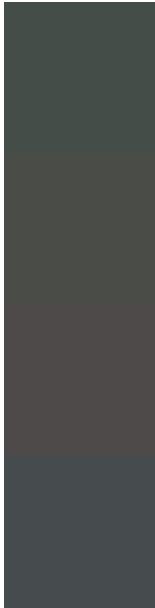
**Protanopia**  
4D4B47

**Deuteranopia**  
534849



**Tritanopia**  
474C52

# Trichromacy



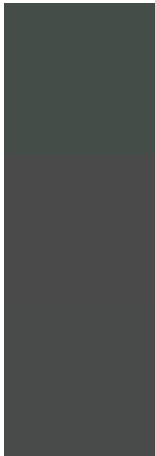
**Original Color**  
454D48

**Protanomaly**  
4A4C47

**Deuteranomaly**  
4E4A49

**Tritanomaly**  
464C4E

# Monochromacy



**Original Color**  
454D48

**Achromatopsia**  
4A4A4A

**Achromatomaly**  
484B49

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 454D48 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 #454D48 looks like.

```
.text, #text, p{  
    color:#454D48  
}
```

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 #454D48 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #454D48
}
```

## Border

The CSS property to change the border of an element to Hex 454D48 is called "border". The border property can be set on classes, ids or directly on the HTML element.

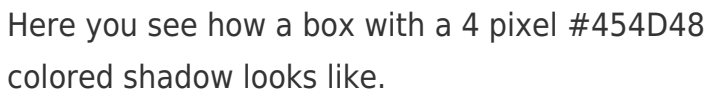
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#454D48 }
```

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

```
.border{ border-color:#454D48 }
```

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



Here you see how a box with a 4 pixel #454D48 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #454D48; -webkit-box-shadow:4px 4px  
4px 4px #454D48; box-shadow:4px 4px 4px  
4px #454D48 }
```

# Background

The CSS property to change the background color of an element to Hex 454D48 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#454D48 }
```

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

```
.background{ background-color:#454D48 }
```

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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