

Converting Colors

Hex(454D40)

Have a look what the booklet for
Hex(454D40) contains.

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Color

Hex(454D40)

Conversions

Conversions Part 1

Format	Color
Hex	454D40
RGB	69, 77, 64
RGB Percent	27%, 30%, 25%
CMY	0.7294, 0.6980, 0.7490
CMYK	0.10, 0.00, 0.17, 0.70
HSL	97°, 9%, 28%
HSV	97°, 17%, 30%
XYZ	6.0335, 6.9431, 5.8726
YIQ	73.1260, -0.5950, -5.7390

Conversions

Conversions Part 2

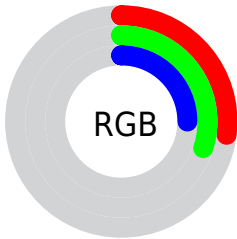
Format	Color
RYB	64, 77, 72
Decimal	4541760
CIELab	31.68, -6.05, 6.64
CIElCh	32, 8.979, 132.344
Yxy	6.9431, 0.3201, 0.3683
Android (android.graphics.Color)	4282731840 (0xFF454D40)
YUV	73.1260, -4.4991, -3.6185
Hunter-Lab	26.3498, -5.2396, 5.2308

Details

The Hex color **454D40** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **48404D**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **757E70**, and **1A2116** is the 20% darker color. If you saturate the color by 10%, you get **404D38**, and if you desaturate by 10%, it is **4A4D48**.

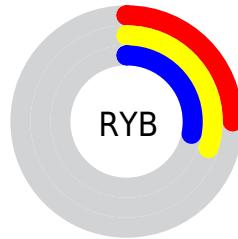
Distribution



Red (27%)

Green (30%)

Blue (25%)



Red (25%)

Yellow (30%)

Blue (28%)

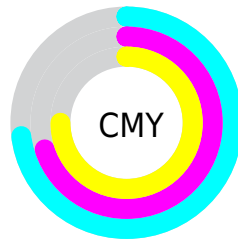


Cyan (10%)

Magenta (0%)

Yellow (17%)

Black (70%)



Cyan (73%)

Magenta (70%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 454D40 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 454D40 by changing the saturation by 10% instead.

■ 454D40

■ 454D40

FFFFFF

■ 2F362A

■ 757E70

■ 1A2116

■ 8F9889

■ 000B00

■ A9B3A3

■ 000000

■ C5CEBE

■ E1EADA

■ FDFFF7

■ 454D40

■ 454D40

■ 404D38

■ 4A4D48

■ 3C4D31

■ 4E4D4F

■ 374D29

■ 534D57

■ 324D21

■ 584D5F

■ 2D4D19

■ 5D4D67

■ 294D12

■ 614D6E

■ 244D0A

■ 664D76

■ 1F4D02

■ 6B4D7E

■ 1E4D00

■ 704D85

Harmonies

Analogous

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



4D4B3D



454D40



3E4E46

Triad

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



454D40



3E4C58



594648

Complementary

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



454D40



48404D

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.



56464F



454D40



464A58

Square

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



454D40



394E54



4F4855



584741

Rectangle

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



454D40



3A4F4B



4F4855



59464A

Sweetspot

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



454D40



60635E



4D4840



313330



B3B3B3



333333

Same Dimension

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



454D40



576350



404D41



242622



276600



58E600

Inverse Universe

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



48404D



5C5063



4D404C



252226



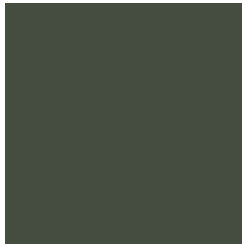
3F0066



8D00E6

Previews

White Background



This preview shows how the Hex color 454D40 looks on a white background.

Color Contrast Check

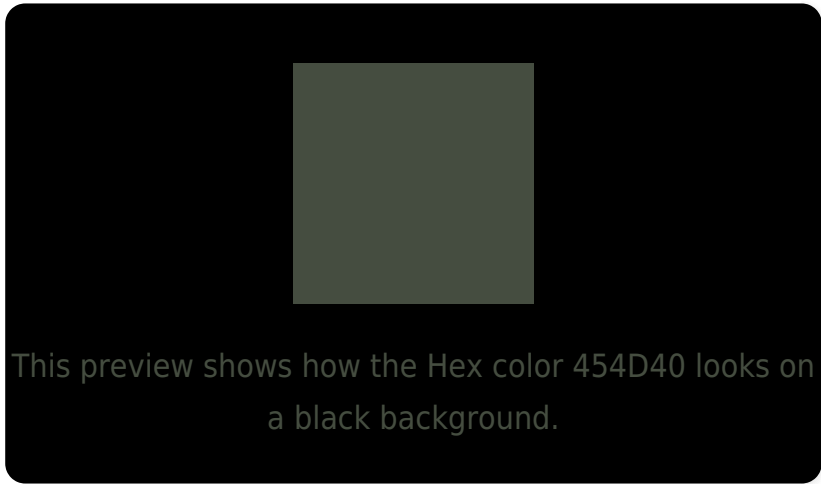
Large Text (above 18pt) WCAG AA ✓ Pass

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

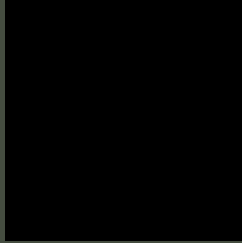
Any Text WCAG AA × Fail

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 454D40 Background



This preview shows how black text looks on a background with the Hex color 454D40.



This preview shows how white text looks on a background with the Hex color 454D40.

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
454D40

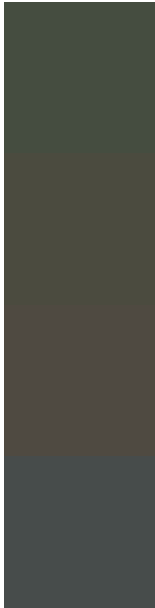
Protanopia
4E4A3F

Deuteranopia
554841



Tritanopia
484B51

Trichromacy



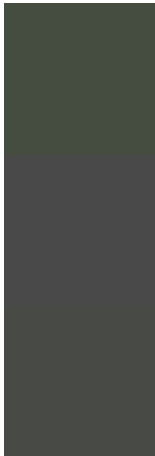
Original Color
454D40

Protanomaly
4B4B3F

Deuteranomaly
4F4A41

Tritanomaly
474C4B

Monochromacy



Original Color
454D40

Achromatopsia
494949

Achromatomaly
484A46

CSS Examples

Text

The CSS property to change the color of the text to Hex 454D40 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 #454D40 looks like.

```
.text, #text, p{  
    color:#454D40  
}
```

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 #454D40 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #454D40
}
```

Border

The CSS property to change the border of an element to Hex 454D40 is called "border". The border property can be set on classes, ids or directly on the HTML element.

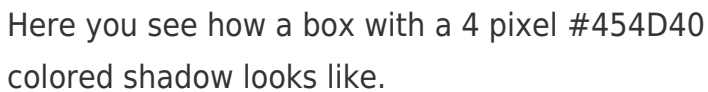
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#454D40 }
```

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

```
.border{ border-color:#454D40 }
```

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



Here you see how a box with a 4 pixel #454D40 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #454D40; -webkit-box-shadow:4px 4px  
4px 4px #454D40; box-shadow:4px 4px 4px  
4px #454D40 }
```

Background

The CSS property to change the background color of an element to Hex 454D40 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#454D40 }
```

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

```
.background{ background-color:#454D40 }
```

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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