

Converting Colors

Hex(4E3758)

Have a look what the booklet for
Hex(4E3758) contains.

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Color

Hex(4E3758)

Conversions

Conversions Part 1

Format	Color
Hex	4E3758
RGB	78, 55, 88
RGB Percent	31%, 22%, 35%
CMY	0.6941, 0.7843, 0.6549
CMYK	0.11, 0.37, 0.00, 0.65
HSL	282°, 23%, 28%
HSV	282°, 37%, 35%
XYZ	6.2695, 5.0567, 9.8781
YIQ	65.6390, 3.1150, 15.1390

Conversions

Conversions Part 2

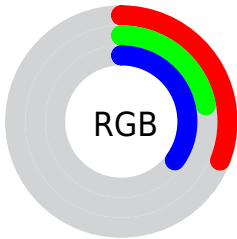
Format	Color
R_{YB}	78, 55, 88
Decimal	5125976
CIE _{Lab}	26.90, 17.13, -15.91
CIE _{LCh}	27, 23.377, 317.114
Yxy	5.0567, 0.2957, 0.2385
Android (android.graphics.Color)	4283316056 (0xFF4E3758)
YUV	65.6390, 11.0240, 10.8406
Hunter-Lab	22.4870, 10.4147, -10.3040

Details

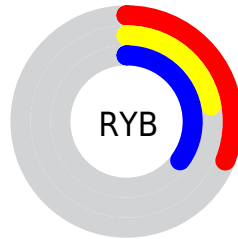
The Hex color **4E3758** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **415837**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **80668A**, and **210C2A** is the 20% darker color. If you saturate the color by 10%, you get **4B2E58**, and if you desaturate by 10%, it is **514058**.

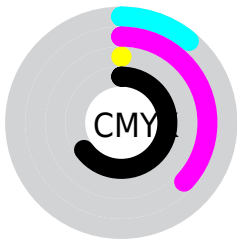
Distribution



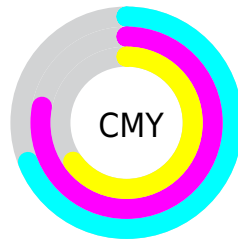
- Red (31%)
- Green (22%)
- Blue (35%)



- Red (31%)
- Yellow (22%)
- Blue (35%)



- Cyan (11%)
- Magenta (37%)
- Yellow (0%)
- Black (65%)



- Cyan (69%)
- Magenta (78%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4E3758 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 4E3758 by changing the saturation by 10% instead.

■ 4E3758

■ 4E3758

FFFFFF

■ 372141

■ 80668A

■ 210C2A

■ 9A7FA4

■ 000016

■ B599C0

■ 000000

■ D0B4DB

■ EDD0F8

■ FFECFF

■ 4E3758

■ 4E3758

■ 4B2E58

■ 514058

■ 492558

■ 534958

■ 461D58

■ 565158

■ 431458

■ 595A58

■ 410B58

■ 5B6358

■ 3E0258

■ 5E6C58

■ 3D0058

■ 617558

■ 637D58

■ 668658

Harmonies

Analogous

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



353E62



4E3758



5D3248

Triad

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



4E3758



513C1C



004949

Complementary

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



4E3758



415837

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.



104837



4E3758



40421C

Square

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



4E3758



5D3526



2C4626



004759

Rectangle

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



4E3758



61313C



2C4626



004943

Sweetspot

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



4E3758



6F6673



374158



38333B



BABABA



3B3B3B

Same Dimension

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



4E3758



633F73



583752



2A272B



4B006B



A400EB

Inverse Universe

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



583741



733F4F



37583D



2B2728



6B0020



EB0047

Previews

White Background



This preview shows how the Hex color 4E3758 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

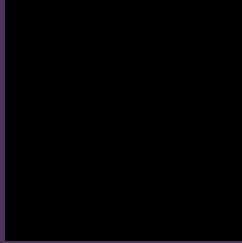
Any Text WCAG AA × Fail

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 4E3758 Background



This preview shows how black text looks on a background with the Hex color 4E3758.



This preview shows how white text looks on a background with the Hex color 4E3758.

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
4E3758

Protanopia
353F5E

Deuteranopia
393F56



Tritanopia
4A3C41

Trichromacy



Original Color
4E3758

Protanomaly
3E3C5C

Deuteranomaly
413C57

Tritanomaly
4B3A49

Monochromacy



Original Color
4E3758

Achromatopsia
424242

Achromatomaly
463E4A

CSS Examples

Text

The CSS property to change the color of the text to Hex 4E3758 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 #4E3758 looks like.

```
.text, #text, p{  
    color:#4E3758  
}
```

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 #4E3758 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4E3758
}
```

Border

The CSS property to change the border of an element to Hex 4E3758 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".

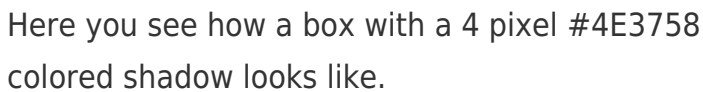
```
.border, #border, table{ border:4px solid
#4E3758 }
```

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

```
.border{ border-color:#4E3758 }
```

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

Here you see how a box with a 4 pixel #4E3758 colored shadow looks like.

A rectangular box with a dark purple border and a dark purple shadow. The box is white with a thin dark purple border on the top and left sides, and a thicker dark purple shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4E3758; -webkit-box-shadow:4px 4px  
4px 4px #4E3758; box-shadow:4px 4px 4px  
4px #4E3758 }
```

Background

The CSS property to change the background color of an element to Hex 4E3758 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4E3758 }
```

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

```
.background{ background-color:#4E3758 }
```

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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