

Converting Colors

Hex(4E4162)

Have a look what the booklet for
Hex(4E4162) contains.

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Color

Hex(4E4162)

Conversions

Conversions Part 1

Format	Color
Hex	4E4162
RGB	78, 65, 98
RGB Percent	31%, 25%, 38%
CMY	0.6941, 0.7451, 0.6157
CMYK	0.20, 0.34, 0.00, 0.62
HSL	264°, 20%, 32%
HSV	264°, 34%, 38%
XYZ	7.2368, 6.2821, 12.3864
YIQ	72.6490, -2.8450, 13.0190

Conversions

Conversions Part 2

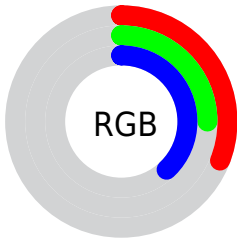
Format	Color
R_YB	78, 65, 98
Decimal	5128546
CIE Lab	30.11, 13.16, -17.40
CIE LCh	30, 21.815, 307.089
Yxy	6.2821, 0.2794, 0.2425
Android (android.graphics.Color)	4283318626 (0xFF4E4162)
YUV	72.6490, 12.4980, 4.6928
Hunter-Lab	25.0642, 7.6760, -11.7555

Details

The Hex color **4E4162** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **556241**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **807195**, and **211633** is the 20% darker color. If you saturate the color by 10%, you get **483762**, and if you desaturate by 10%, it is **544B62**.

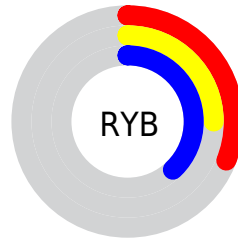
Distribution



Red (31%)

Green (25%)

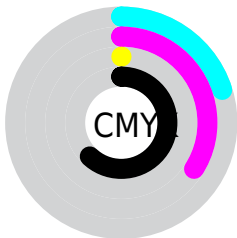
Blue (38%)



Red (31%)

Yellow (25%)

Blue (38%)

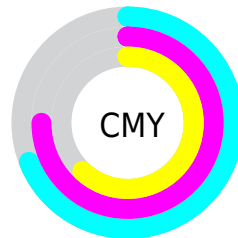


Cyan (20%)

Magenta (34%)

Yellow (0%)

Black (62%)



Cyan (69%)

Magenta (75%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4E4162 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 4E4162 by changing the saturation by 10% instead.

■ 4E4162

■ 4E4162

FFFFFF

■ 372B4A

■ 807195

■ 211633

■ 9A8AB0

■ 0E001F

■ B5A5CB

■ 000001

■ D0C0E7

■ 000000

■ EDDCFF

■ FFF8FF

■ 4E4162

■ 4E4162

■ 483762

■ 544B62

■ 422D62

■ 5A5562

■ 3C2462

■ 605E62

■ 361A62

■ 666862

■ 301062

■ 6C7262

■ 2A0662

■ 727C62

■ 270062

■ 788662

■ 7E8F62

■ 839962

Harmonies

Analogous

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



344768



4E4162



5F3B54

Triad

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



4E4162



5D4128



09504B

Complementary

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



4E4162



556241

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.



264F39



4E4162



4E4725

Square

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



4E4162



663C33



3C4C2B



004F5B

Rectangle

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



4E4162



663A49



3C4C2B



155045

Sweetspot

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



4E4162



787380



415562



3B3840



BFBFBF



404040

Same Dimension

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



4E4162



614D80



5E4162



2E2C30



2C0070



5E00F0

Inverse Universe

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



624155



804D6B



456241



302C2F



700044



F00091

Previews

White Background



This preview shows how the Hex color 4E4162 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

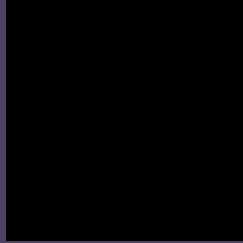
Any Text WCAG AA × Fail

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 4E4162 Background



This preview shows how black text looks on a background with the Hex color 4E4162.

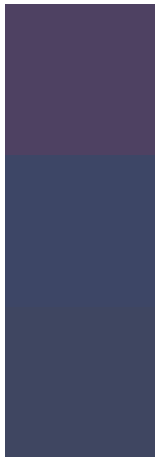


This preview shows how white text looks on a background with the Hex color 4E4162.

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
4E4162

Protanopia
3D4666

Deuteranopia
3F4661



Tritanopia
4A464B

Trichromacy



Original Color

4E4162

Protanomaly

434465

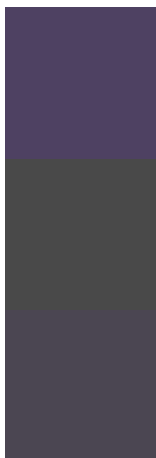
Deuteranomaly

444461

Tritanomaly

4B4453

Monochromacy



Original Color

4E4162

Achromatopsia

494949

Achromatomaly

4B4652

CSS Examples

Text

The CSS property to change the color of the text to Hex 4E4162 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 #4E4162 looks like.

```
.text, #text, p{  
    color:#4E4162  
}
```

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 #4E4162 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4E4162
}
```

Border

The CSS property to change the border of an element to Hex 4E4162 is called "border". The border property can be set on classes, ids or directly on the HTML element.

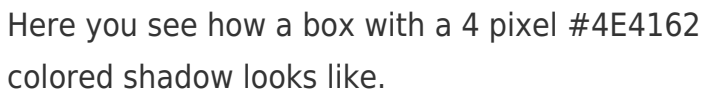
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4E4162 }
```

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

```
.border{ border-color:#4E4162 }
```

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



Here you see how a box with a 4 pixel #4E4162 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4E4162; -webkit-box-shadow:4px 4px  
4px 4px #4E4162; box-shadow:4px 4px 4px  
4px #4E4162 }
```

Background

The CSS property to change the background color of an element to Hex 4E4162 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4E4162 }
```

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

```
.background{ background-color:#4E4162 }
```

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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