

# Converting Colors

Hex(4E5A4B)

Have a look what the booklet for  
Hex(4E5A4B) contains.

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# Color

Hex(4E5A4B)

# Conversions

## Conversions Part 1

Format	Color
Hex	4E5A4B
RGB	78, 90, 75
RGB Percent	31%, 35%, 29%
CMY	0.6941, 0.6471, 0.7059
CMYK	0.13, 0.00, 0.17, 0.65
HSL	108°, 9%, 32%
HSV	108°, 17%, 35%
XYZ	8.0680, 9.4400, 8.0535
YIQ	84.7020, -2.3370, -7.2090

# Conversions

## Conversions Part 2

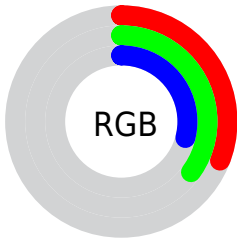
Format	Color
<a href="#">RYB</a>	<a href="#">75, 90, 87</a>
Decimal	<a href="#">5134923</a>
CIELab	<a href="#">36.82, -7.92, 7.11</a>
CIELCh	<a href="#">37, 10.646, 138.082</a>
Yxy	<a href="#">9.4400, 0.3156, 0.3693</a>
Android (android.graphics.Color)	<a href="#">4283325003</a> ( <a href="#">0xFF4E5A4B</a> )
YUV	<a href="#">84.7020, -4.7831, -5.8777</a>
Hunter-Lab	<a href="#">30.7246, -6.8954, 5.9663</a>

# Details

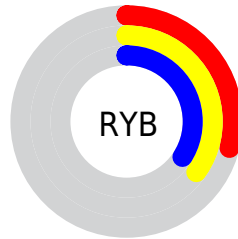
The Hex color **4E5A4B** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **574B5A**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **7F8C7C**, and **222C1F** is the 20% darker color. If you saturate the color by 10%, you get **475A42**, and if you desaturate by 10%, it is **555A54**.

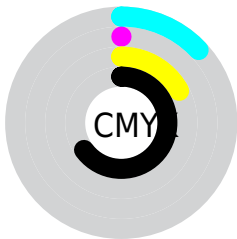
# Distribution



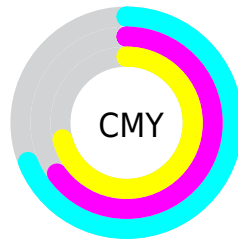
- Red (31%)
- Green (35%)
- Blue (29%)



- Red (29%)
- Yellow (35%)
- Blue (34%)



- Cyan (13%)
- Magenta (0%)
- Yellow (17%)
- Black (65%)



- Cyan (69%)
- Magenta (65%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4E5A4B 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 4E5A4B by changing the saturation by 10% instead.





4E5A4B



4E5A4B

FFFFFF



374334



7F8C7C



222C1F



99A696



0C1807



B4C2B0



000000



CFDDCC



ECFAE8



4E5A4B



4E5A4B



475A42



555A54



405A39



5C5A5D

■ 385A30

■ 645A66

■ 315A27

■ 6B5A6F

■ 2A5A1E

■ 725A78

■ 235A15

■ 795A81

■ 1C5A0C

■ 805A8A

■ 145A03

■ 885A93

■ 125A00

■ 8F5A9C

# Harmonies

## Analogous

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



585846



4E5A4B



455B53

# Triad

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



4E5A4B



495867



695152

# Complementary

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



4E5A4B



574B5A

# 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.



66515A



4E5A4B



545667

# Square

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



4E5A4B



415B63



5E5362



67524A

# Rectangle

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



4E5A4B



415C59



5E5362



685155



# Sweetspot

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



4E5A4B



71756F



5A574B



383B37



BABABA



3B3B3B



# Same Dimension

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



4E5A4B



63755E



4B5A50



2A2E29



166E00



2FED00



# Inverse Universe

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



574B5A



715E75



5A4B56



2D292E



58006E



BE00ED



# Previews

## White Background



This preview shows how the Hex color 4E5A4B looks on a white background.

## Color Contrast Check

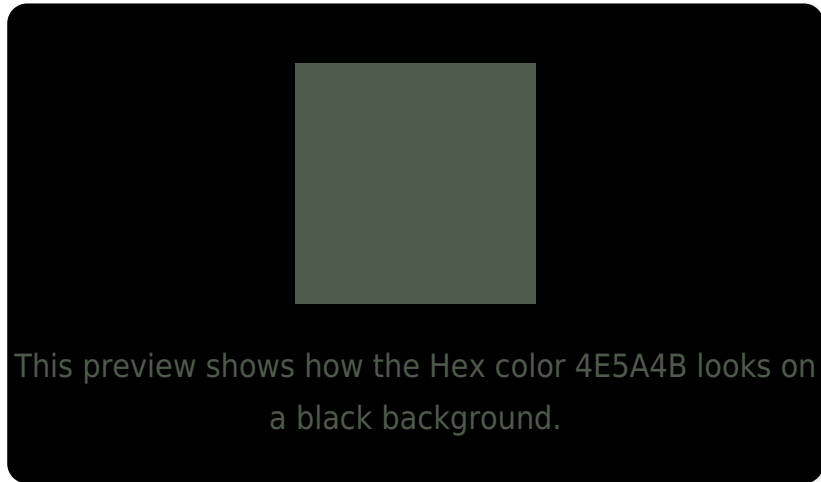
Large Text (above 18pt) WCAG AA ✓ Pass

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

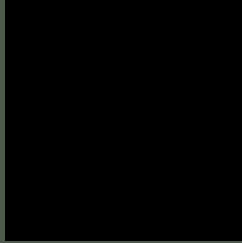
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 4E5A4B Background



This preview shows how black text looks on a background with the Hex color 4E5A4B.

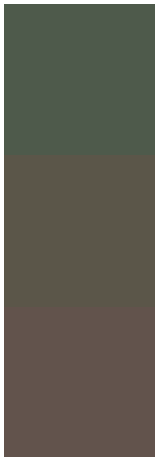


This preview shows how white text looks on a background with the Hex color 4E5A4B.

# 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**  
4E5A4B

**Protanopia**  
5B5649

**Deuteranopia**  
62534C



**Tritanopia**  
51575E

# Trichromacy



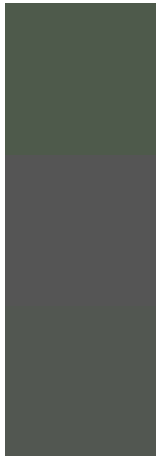
**Original Color**  
4E5A4B

**Protanomaly**  
56574A

**Deuteranomaly**  
5B564C

**Tritanomaly**  
505857

# Monochromacy



**Original Color**  
4E5A4B

**Achromatopsia**  
555555

**Achromatomaly**  
525751

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4E5A4B 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 #4E5A4B looks like.

```
.text, #text, p{  
    color:#4E5A4B  
}
```

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 #4E5A4B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4E5A4B
}
```

## Border

The CSS property to change the border of an element to Hex 4E5A4B 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
#4E5A4B }
```

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

```
.border{ border-color:#4E5A4B }
```

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

Here you see how a box with a 4 pixel #4E5A4B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4E5A4B; -webkit-box-shadow:4px 4px  
4px 4px #4E5A4B; box-shadow:4px 4px 4px  
4px #4E5A4B }
```

# Background

The CSS property to change the background color of an element to Hex 4E5A4B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4E5A4B }
```

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

```
.background{ background-color:#4E5A4B }
```

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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