

Converting Colors

Hex(4E5551)

Have a look what the booklet for
Hex(4E5551) contains.

Hex(4E5551)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(4E5551)

Conversions

Conversions Part 1

Format	Color
Hex	4E5551
RGB	78, 85, 81
RGB Percent	31%, 33%, 32%
CMY	0.6941, 0.6667, 0.6824
CMYK	0.08, 0.00, 0.05, 0.67
HSL	146°, 4%, 32%
HSV	146°, 8%, 33%
XYZ	7.8756, 8.7108, 9.0508
YIQ	82.4510, -2.8880, -2.7280

Conversions

Conversions Part 2

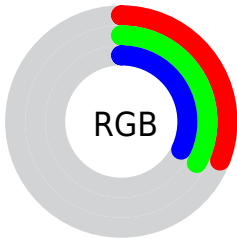
Format	Color
R_{YB}	78, 83, 85
Decimal	5133649
CIE Lab	35.42, -3.66, 1.37
CIE LCh	35, 3.912, 159.459
Yxy	8.7108, 0.3072, 0.3398
Android (android.graphics.Color)	4283323729 (0xFF4E5551)
YUV	82.4510, -0.7153, -3.9035
Hunter-Lab	29.5140, -4.0182, 2.4778

Details

The Hex color **4E5551** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **554E52**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **7F8782**, and **222825** is the 20% darker color. If you saturate the color by 10%, you get **46554C**, and if you desaturate by 10%, it is **565556**.

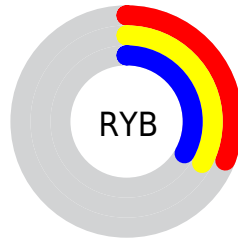
Distribution



Red (31%)

Green (33%)

Blue (32%)



Red (31%)

Yellow (33%)

Blue (33%)

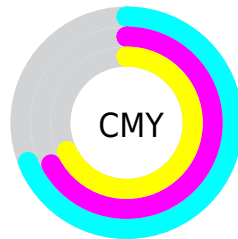


Cyan (8%)

Magenta (0%)

Yellow (5%)

Black (67%)



Cyan (69%)

Magenta (67%)

Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4E5551 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 4E5551 by changing the saturation by 10% instead.

■ 4E5551

■ 4E5551

FFFFFF

■ 373E3A

■ 7F8782

■ 222825

■ 99A19C

■ 0C140F

■ B4BCB7

■ 000000

■ CFD7D3

■ EBF4EF

■ 4E5551

■ 4E5551

■ 46554C

■ 565556

■ 3D5547

■ 5F555B

■ 355542

■ 675560

■ 2C553E

■ 705564

■ 245539

■ 785569

■ 1B5534

■ 81556E

■ 13552F

■ 895573

■ 0A552A

■ 925578

■ 025525

■ 9B557D

Harmonies

Analogous

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



51544E



4E5551



4C5554

Triad

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



4E5551



515359



5A524F

Complementary

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



4E5551



554E52

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.



5A5152



4E5551



555258

Square

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



4E5551



4E5459



585156



58524E

Rectangle

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



4E5551



4C5556



585156



5A5150

Sweetspot

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



4E5551



6B6E6C



52554E



373837



B8B8B8



383838

Same Dimension

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



4E5551



636E67



4E5554



272B29



006B2E



00EB65

Inverse Universe

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



554E52



6E6369



554E4F



2B2729



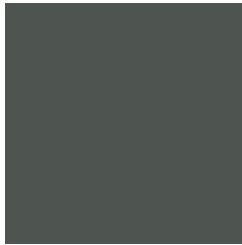
6B003D



EB0086

Previews

White Background



This preview shows how the Hex color 4E5551 looks on a white background.

Color Contrast Check

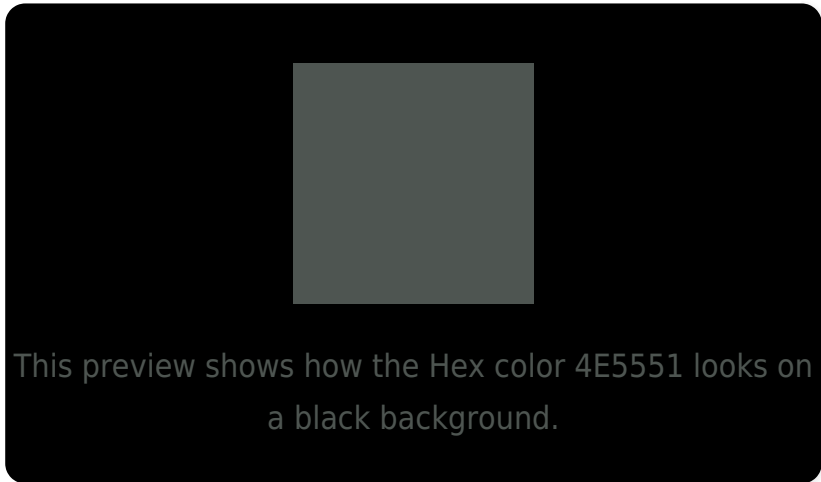
Large Text (above 18pt) WCAG AA ✓ Pass

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

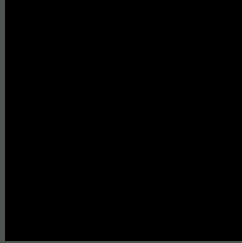
Any Text WCAG AA × Fail

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 4E5551 Background



This preview shows how black text looks on a background with the Hex color 4E5551.

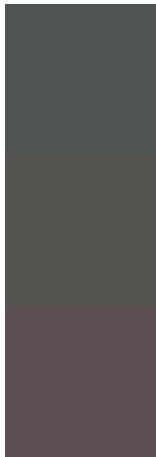


This preview shows how white text looks on a background with the Hex color 4E5551.

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](#).

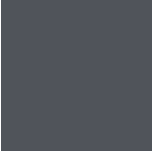
Dichromacy



Original Color
4E5551

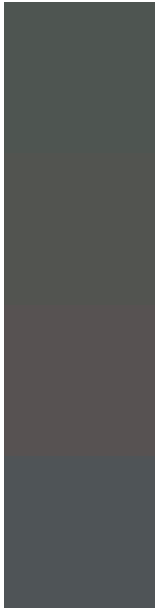
Protanopia
553350

Deuteranopia
5C5052



Tritanopia
50545A

Trichromacy



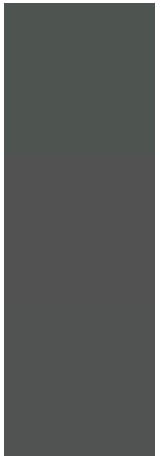
Original Color
4E5551

Protanomaly
525450

Deuteranomaly
575252

Tritanomaly
4F5457

Monochromacy



Original Color
4E5551

Achromatopsia
525252

Achromatomaly
515352

CSS Examples

Text

The CSS property to change the color of the text to Hex 4E5551 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 #4E5551 looks like.

```
.text, #text, p{  
    color:#4E5551  
}
```

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 #4E5551 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4E5551  
}
```

Border

The CSS property to change the border of an element to Hex 4E5551 is called "border". The border property can be set on classes, ids or directly on the HTML element.

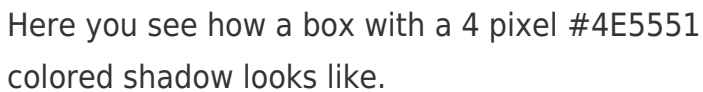
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#4E5551 }
```

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

```
.border{ border-color:#4E5551 }
```

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



Here you see how a box with a 4 pixel #4E5551 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4E5551; -webkit-box-shadow:4px 4px  
4px 4px #4E5551; box-shadow:4px 4px 4px  
4px #4E5551 }
```

Background

The CSS property to change the background color of an element to Hex 4E5551 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4E5551 }
```

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

```
.background{ background-color:#4E5551 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor