

# Converting Colors

Hex(4E6262)

Have a look what the booklet for  
Hex(4E6262) contains.

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# Color

**Hex(4E6262)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4E6262
RGB	78, 98, 98
RGB Percent	31%, 38%, 38%
CMY	0.6941, 0.6157, 0.6157
CMYK	0.20, 0.00, 0.00, 0.62
HSL	180°, 11%, 35%
HSV	180°, 20%, 38%
XYZ	9.7142, 11.2369, 13.2122
YIQ	92.0200, -11.9200, -4.2400

# Conversions

## Conversions Part 2

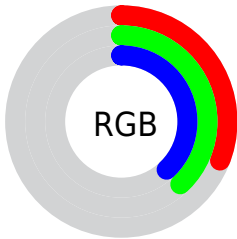
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	78, 88, 98
Decimal	5136994
CIE Lab	39.98, -7.51, -2.50
CIE LCh	40, 7.913, 198.445
Yxy	11.2369, 0.2843, 0.3289
Android (android.graphics.Color)	4283327074 (0xFF4E6262)
YUV	92.0200, 2.9481, -12.2955
Hunter-Lab	33.5215, -6.9352, 0.0964

# Details

The Hex color **4E6262** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **624E4E**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **7F9595**, and **213434** is the 20% darker color. If you saturate the color by 10%, you get **446262**, and if you desaturate by 10%, it is **586262**.

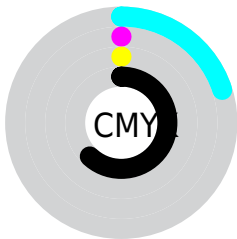
# Distribution



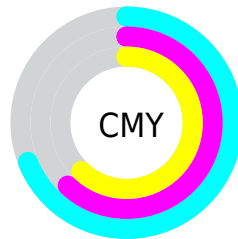
- Red (31%)
- Green (38%)
- Blue (38%)



- Red (31%)
- Yellow (35%)
- Blue (38%)



- Cyan (20%)
- Magenta (0%)
- Yellow (0%)
- Black (62%)



- Cyan (69%)
- Magenta (62%)
- Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4E6262 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 4E6262 by changing the saturation by 10% instead.





4E6262



4E6262

FFFFFF



374A4A



7F9595



213434



9AAFAF



0C1E1F



B4CBCB



000006



D0E7E7



000000



ECFFFF



4E6262



4E6262



446262



586262



3A6262



626262

■ 316262

■ 6B6262

■ 276262

■ 756262

■ 1D6262

■ 7F6262

■ 136262

■ 896262

■ 096262

■ 936262

■ 006262

■ 9C6262

■ A66262

# Harmonies

## Analogous

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



51625B



4E6262



4F6168

# Triad

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



4E6262



645B67



665D52

# Complementary

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



4E6262



624E4E

# 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.



6B5B55



4E6262



6A5A61

# Square

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



4E6262



5C5D6A



6C5A5A



5F5F52

# Rectangle

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



4E6262



52606A



6C5A5A



685C52



# Sweetspot

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



4E6262



788080



4E624E



3B4040



BFBFBF



404040



# Same Dimension

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



4E6262



618080



4E5862



2C3030



007070



00F0F0



# Inverse Universe

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



624E62



806180



62584E



302C30



700070



F000F0



# Previews

## White Background



This preview shows how the Hex color 4E6262 looks on a white background.

## Color Contrast Check

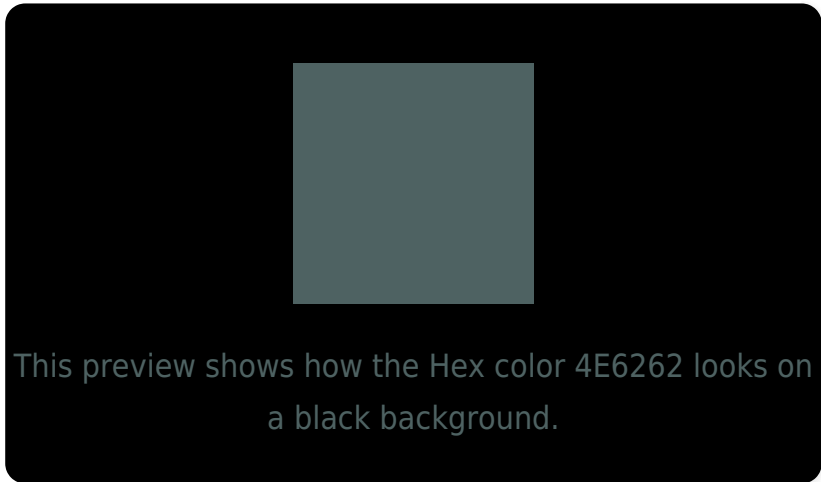
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

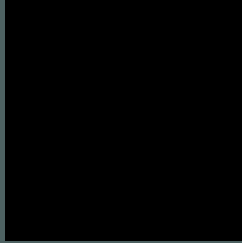
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

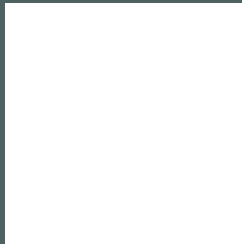
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 4E6262 Background



This preview shows how black text looks on a background with the Hex color 4E6262.



This preview shows how white text looks on a background with the Hex color 4E6262.

# 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**  
4E6262

**Protanopia**  
5F5D5F

**Deuteranopia**  
655B63



**Tritanopia**  
4F6169

# Trichromacy



**Original Color**  
4E6262

**Protanomaly**  
595F60

**Deuteranomaly**  
5D5E63

**Tritanomaly**  
4F6166

# Monochromacy



**Original Color**  
4E6262

**Achromatopsia**  
5C5C5C

**Achromatomaly**  
575E5E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4E6262 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 #4E6262 looks like.

```
.text, #text, p{  
    color:#4E6262  
}
```

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 #4E6262 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4E6262
}
```

## Border

The CSS property to change the border of an element to Hex 4E6262 is called "border". The border property can be set on classes, ids or directly on the HTML element.

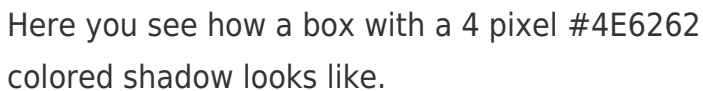
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4E6262 }
```

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

```
.border{ border-color:#4E6262 }
```

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



Here you see how a box with a 4 pixel #4E6262 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4E6262; -webkit-box-shadow:4px 4px  
4px 4px #4E6262; box-shadow:4px 4px 4px  
4px #4E6262 }
```

# Background

The CSS property to change the background color of an element to Hex 4E6262 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4E6262 }
```

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

```
.background{ background-color:#4E6262 }
```

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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