

Converting Colors

Hex(4E6668)

Have a look what the booklet for
Hex(4E6668) contains.

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Color

Hex(4E6668)

Conversions

Conversions Part 1

Format	Color
Hex	4E6668
RGB	78, 102, 104
RGB Percent	31%, 40%, 41%
CMY	0.6941, 0.6000, 0.5922
CMYK	0.25, 0.02, 0.00, 0.59
HSL	185°, 14%, 36%
HSV	185°, 25%, 41%
XYZ	10.3919, 12.1219, 14.8888
YIQ	95.0520, -14.9460, -4.4660

Conversions

Conversions Part 2

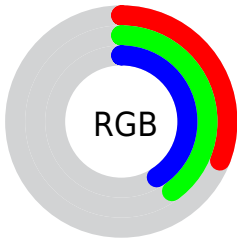
Format	Color
RYB	78, 90, 104
Decimal	5138024
CIELab	41.41, -8.37, -4.06
CIELCh	41, 9.298, 205.865
Yxy	12.1219, 0.2778, 0.3241
Android (android.graphics.Color)	4283328104 (0xFF4E6668)
YUV	95.0520, 4.4114, -14.9546
Hunter-Lab	34.8165, -7.6508, -0.9829

Details

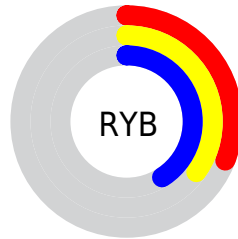
The Hex color **4E6668** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **68504E**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **80999B**, and **203739** is the 20% darker color. If you saturate the color by 10%, you get **446568**, and if you desaturate by 10%, it is **586768**.

Distribution



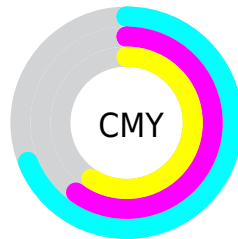
- Red (31%)
- Green (40%)
- Blue (41%)



- Red (31%)
- Yellow (35%)
- Blue (41%)



- Cyan (25%)
- Magenta (2%)
- Yellow (0%)
- Black (59%)



- Cyan (69%)
- Magenta (60%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4E6668 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 4E6668 by changing the saturation by 10% instead.



4E6668



4E6668

FFFFFF



374E50



80999B



203739



9AB4B6



0A2224



B5CFD1



000A0E



D1ECEE



000000



EDFFFF



4E6668



4E6668



446568



586768



396468



636868

■ 2F6468

■ 6D6868

■ 246368

■ 786968

■ 1A6268

■ 826A68

■ 106168

■ 8C6B68

■ 056068

■ 976C68

■ 006068

■ A16C68

■ AC6D68

Harmonies

Analogous

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



516660



4E6668



51656E

Triad

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



4E6668



6B5E6A



696153

Complementary

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



4E6668



68504E

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.



6F5E55



4E6668



705D63

Square

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



4E6668



62606F



725D5B



616354

Rectangle

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



4E6668



556370



725D5B



6B6053

Sweetspot

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



4E6668



7C8687



4E6850



3E4445



C4C4C4



454545

Same Dimension

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



4E6668



5F8487



4E5968



2E3333



006A73



00E0F2

Inverse Universe

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



684E66



875F84



685D4E



332E33



73006A



F200E0

Previews

White Background



This preview shows how the Hex color 4E6668 looks on a white background.

Color Contrast Check

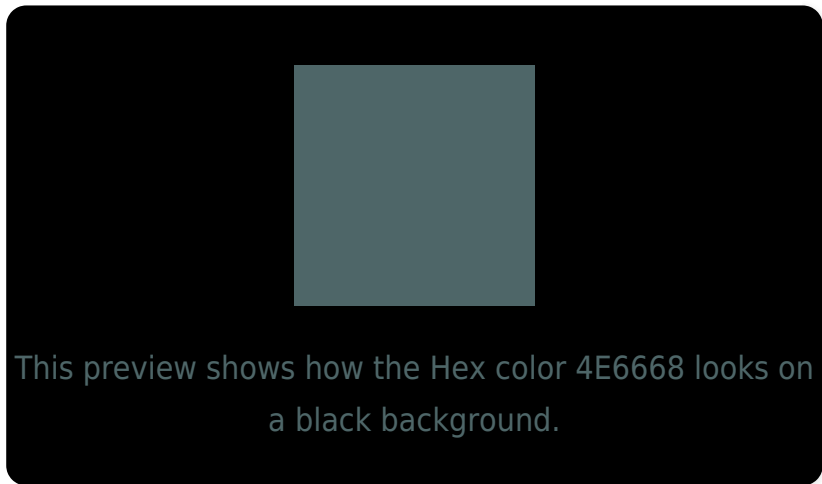
Large Text (above 18pt) WCAG AA ✓ Pass

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

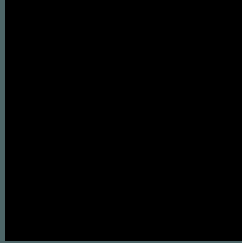
Any Text WCAG AA × Fail

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 4E6668 Background



This preview shows how black text looks on a background with the Hex color 4E6668.



This preview shows how white text looks on a background with the Hex color 4E6668.

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
4E6668

Protanopia
626165

Deuteranopia
675F6A



Tritanopia
4F656D

Trichromacy



Original Color

4E6668

Protanomaly

5B6366

Deuteranomaly

5E6269

Tritanomaly

4F656B

Monochromacy



Original Color

4E6668

Achromatopsia

5F5F5F

Achromatomaly

596262

CSS Examples

Text

The CSS property to change the color of the text to Hex 4E6668 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 #4E6668 looks like.

```
.text, #text, p{  
    color:#4E6668  
}
```

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 #4E6668 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4E6668
}
```

Border

The CSS property to change the border of an element to Hex 4E6668 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
#4E6668 }
```

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

```
.border{ border-color:#4E6668 }
```

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

Here you see how a box with a 4 pixel #4E6668 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4E6668; -webkit-box-shadow:4px 4px  
4px 4px #4E6668; box-shadow:4px 4px 4px  
4px #4E6668 }
```

Background

The CSS property to change the background color of an element to Hex 4E6668 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4E6668 }
```

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

```
.background{ background-color:#4E6668 }
```

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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