

Converting Colors

Hex(4D6770)

Have a look what the booklet for
Hex(4D6770) contains.

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Color

Hex(4D6770)

Conversions

Conversions Part 1

Format	Color
Hex	4D6770
RGB	77, 103, 112
RGB Percent	30%, 40%, 44%
CMY	0.6980, 0.5961, 0.5608
CMYK	0.31, 0.08, 0.00, 0.56
HSL	195°, 19%, 37%
HSV	195°, 31%, 44%
XYZ	10.8354, 12.4481, 17.1609
YIQ	96.2520, -18.3850, -2.7130

Conversions

Conversions Part 2

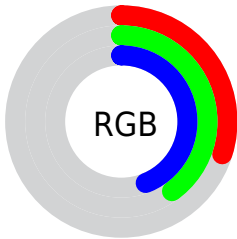
Format	Color
R_{YB}	77, 92, 112
Decimal	5072752
CIE _{Lab}	41.92, -7.21, -8.17
CIE _{LCh}	42, 10.899, 228.566
Yxy	12.4481, 0.2679, 0.3078
Android (android.graphics.Color)	4283262832 (0xFF4D6770)
YUV	96.2520, 7.7638, -16.8840
Hunter-Lab	35.2819, -6.9241, -4.1409




Details

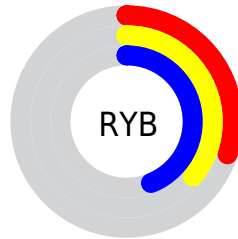
The Hex color **4D6770** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **70564D**, and the grayscale version is **606060**.




A 20% lighter version of the original color is **7F9AA4**, and **1E3840** is the 20% darker color. If you saturate the color by 10%, you get **426470**, and if you desaturate by 10%, it is **586A70**.

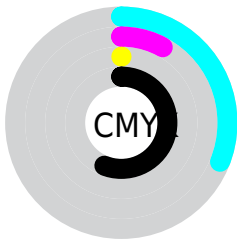
Distribution







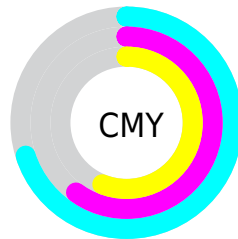
-  Red (30%)
-  Green (40%)
-  Blue (44%)






-  Red (30%)
-  Yellow (36%)
-  Blue (44%)



-  Cyan (31%)
-  Magenta (8%)
-  Yellow (0%)
-  Black (56%)



-  Cyan (70%)
-  Magenta (60%)
-  Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4D6770 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 4D6770 by changing the saturation by 10% instead.

■ 4D6770

■ 4D6770

FFFFFF

■ 354F58

■ 7F9AA4

■ 1E3840

■ 99B5BF

■ 07232A

■ B4D0DB

■ 000D16

■ D0EDF7

■ 000000

■ EDFFFF

■ 4D6770

■ 4D6770

■ 426470

■ 586A70

■ 376170

■ 636D70

■ 2B5E70

■ 6F7070

■ 205B70

■ 7A7370

■ 155970

■ 857570

■ 0A5670

■ 907870

■ 005370

■ 9B7B70

■ A77E70

■ B28170

Harmonies

Analogous

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



4C6868



4D6770



556574

Triad

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



4D6770



735D67



646452

Complementary

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



4D6770



70564D

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.



6D6152



4D6770



765D5E

Square

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



4D6770



6B5F6F



745E56



5A6757

Rectangle

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



4D6770



5C6374



745E56



676351

Sweetspot

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



4D6770



848E91



4D7056



42484A



C9C9C9



4A4A4A

Same Dimension

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



4D6770



5A8391



4D5670



323738



005978



00B8F7

Inverse Universe

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



704D67



915A83



70674D



383237



780059



F700B8

Previews

White Background



This preview shows how the Hex color 4D6770 looks on a white background.

Color Contrast Check

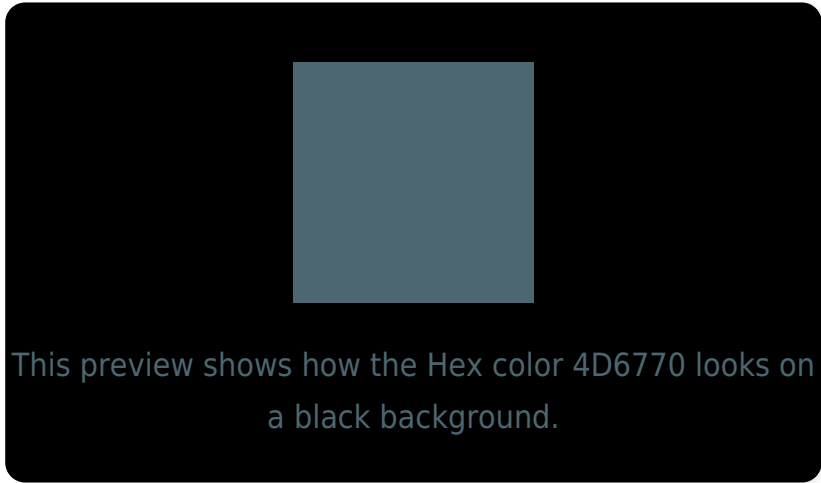
Large Text (above 18pt) WCAG AA ✓ Pass

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

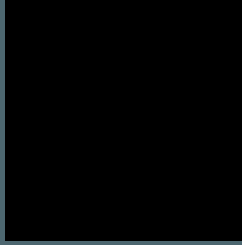
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

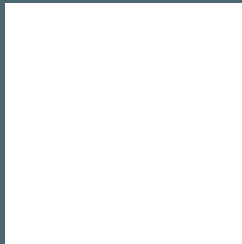
Any Text WCAG AAA × Fail

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

Hex 4D6770 Background



This preview shows how black text looks on a background with the Hex color 4D6770.

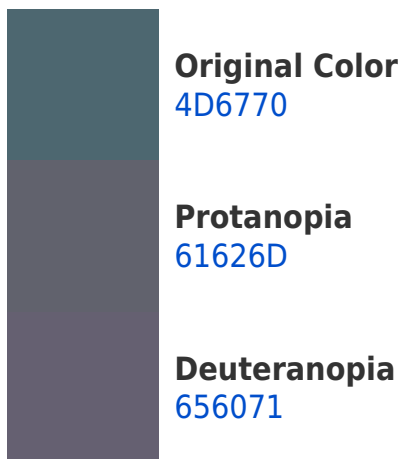



This preview shows how white text looks on a background with the Hex color 4D6770.

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](#).

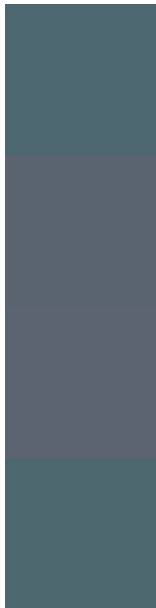
Dichromacy





Tritanopia
4D676F

Trichromacy



Original Color
4D6770

Protanomaly
5A646E

Deuteranomaly
5C6371

Tritanomaly
4D676F

Monochromacy



Original Color
4D6770

Achromatopsia
606060

Achromatomaly
596366

CSS Examples

Text

The CSS property to change the color of the text to Hex 4D6770 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 #4D6770 looks like.

```
.text, #text, p{  
    color:#4D6770  
}
```

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 #4D6770 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D6770
}
```

Border

The CSS property to change the border of an element to Hex 4D6770 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
#4D6770 }
```

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

```
.border{ border-color:#4D6770 }
```

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

Here you see how a box with a 4 pixel #4D6770 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D6770; -webkit-box-shadow:4px 4px  
4px 4px #4D6770; box-shadow:4px 4px 4px  
4px #4D6770 }
```

Background

The CSS property to change the background color of an element to Hex 4D6770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D6770 }
```

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

```
.background{ background-color:#4D6770 }
```

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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