

Converting Colors

Hex(4D6273)

Have a look what the booklet for
Hex(4D6273) contains.

Hex(4D6273)	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(4D6273)

Conversions

Conversions Part 1

Format	Color
Hex	4D6273
RGB	77, 98, 115
RGB Percent	30%, 38%, 45%
CMY	0.6980, 0.6157, 0.5490
CMYK	0.33, 0.15, 0.00, 0.55
HSL	207°, 20%, 38%
HSV	207°, 33%, 45%
XYZ	10.5228, 11.5510, 17.8946
YIQ	93.6590, -17.9730, 0.8350

Conversions

Conversions Part 2

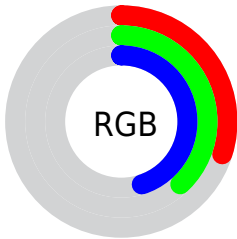
Format	Color
R_{YB}	77, 91, 115
Decimal	5071475
CIE _{Lab}	40.49, -3.42, -12.15
CIE _{LCh}	40, 12.621, 254.279
Yxy	11.5510, 0.2633, 0.2890
Android (android.graphics.Color)	4283261555 (0xFF4D6273)
YUV	93.6590, 10.5211, -14.6099
Hunter-Lab	33.9867, -4.2106, -7.4266

Details

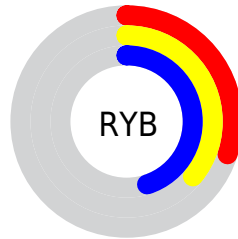
The Hex color **4D6273** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **735E4D**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **7F95A7**, and **1E3443** is the 20% darker color. If you saturate the color by 10%, you get **425D73**, and if you desaturate by 10%, it is **596773**.

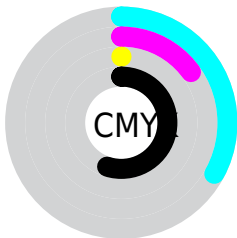
Distribution



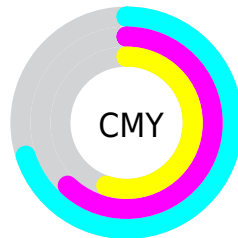
- Red (30%)
- Green (38%)
- Blue (45%)



- Red (30%)
- Yellow (36%)
- Blue (45%)



- Cyan (33%)
- Magenta (15%)
- Yellow (0%)
- Black (55%)



- Cyan (70%)
- Magenta (62%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4D6273 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 4D6273 by changing the saturation by 10% instead.

■ 4D6273

■ 4D6273

FFFFFF

■ 354A5A

■ 7F95A7

■ 1E3443

■ 99AFC2

■ 071F2D

■ B4CBDE

■ 000519

■ D0E7FB

■ 000000

■ EDFFFF

■ 4D6273

■ 4D6273

■ 425D73

■ 596773

■ 365873

■ 646C73

■ 2B5373

■ 707173

■ 1F4D73

■ 7B7773

■ 144873

■ 877C73

■ 084373

■ 928173

■ 004073

■ 9D8673

■ A98B73

■ B59073

Harmonies

Analogous

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



45646D



4D6273



5A5F73

Triad

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



4D6273



75585B



566350

Complementary

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



4D6273



735E4D

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.



62604B



4D6273



735A51

Square

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



4D6273



715965



6C5D4C



4B655A

Rectangle

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



4D6273



635C70



6C5D4C



5A624E

Sweetspot

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



4D6273



879096



4D735D



43484D



CCCCCC



4D4D4D

Same Dimension

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



4D6273



5A7C96



4D5073



35383B



00447A



008AFA

Inverse Universe

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



734D62



965A7C



73704D



3B3538



7A0044



FA008A

Previews

White Background



This preview shows how the Hex color 4D6273 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

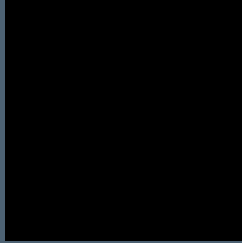
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

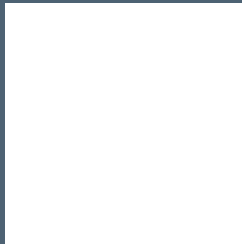
Any Text WCAG AAA × Fail

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

Hex 4D6273 Background



This preview shows how black text looks on a background with the Hex color 4D6273.



This preview shows how white text looks on a background with the Hex color 4D6273.

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
4D6273

Protanopia
5C5E71

Deuteranopia
5E5D74



Tritanopia
4B636B

Trichromacy



Original Color
4D6273

Protanomaly
575F72

Deuteranomaly
585F74

Tritanomaly
4C636E

Monochromacy



Original Color
4D6273

Achromatopsia
5E5E5E

Achromatomaly
585F66

CSS Examples

Text

The CSS property to change the color of the text to Hex 4D6273 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 #4D6273 looks like.

```
.text, #text, p{  
    color:#4D6273  
}
```

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 #4D6273 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D6273  
}
```

Border

The CSS property to change the border of an element to Hex 4D6273 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  
#4D6273 }
```

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

```
.border{ border-color:#4D6273 }
```

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

Here you see how a box with a 4 pixel #4D6273 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D6273; -webkit-box-shadow:4px 4px  
4px 4px #4D6273; box-shadow:4px 4px 4px  
4px #4D6273 }
```

Background

The CSS property to change the background color of an element to Hex 4D6273 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D6273 }
```

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

```
.background{ background-color:#4D6273 }
```

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