

Converting Colors

Hex(4D7374)

Have a look what the booklet for
Hex(4D7374) contains.

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Color

Hex(4D7374)

Conversions

Conversions Part 1

Format	Color
Hex	4D7374
RGB	77, 115, 116
RGB Percent	30%, 45%, 45%
CMY	0.6980, 0.5490, 0.5451
CMYK	0.34, 0.01, 0.00, 0.55
HSL	182°, 20%, 38%
HSV	182°, 34%, 45%
XYZ	12.3437, 15.1002, 18.7870
YIQ	103.7520, -22.9690, -7.7450

Conversions

Conversions Part 2

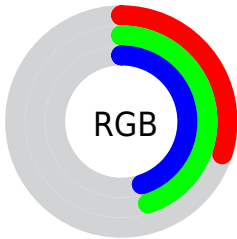
Format	Color
RYB	77, 96, 116
Decimal	5075828
CIELab	45.77, -13.05, -4.84
CIELCh	46, 13.919, 200.353
Yxy	15.1002, 0.2670, 0.3266
Android (android.graphics.Color)	4283265908 (0xFF4D7374)
YUV	103.7520, 6.0383, -23.4615
Hunter-Lab	38.8590, -11.3021, -1.4635

Details

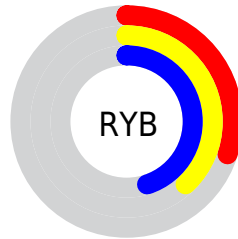
The Hex color **4D7374** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **744E4D**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **80A7A8**, and **1D4344** is the 20% darker color. If you saturate the color by 10%, you get **417374**, and if you desaturate by 10%, it is **597374**.

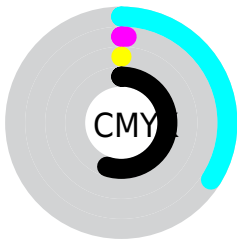
Distribution



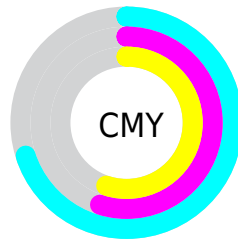
- Red (30%)
- Green (45%)
- Blue (45%)



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



- Cyan (34%)
- Magenta (1%)
- Yellow (0%)
- Black (55%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 4D7374 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 4D7374 by changing the saturation by 10% instead.

 4D7374

 4D7374

FFFFFF

 355A5B

 80A7A8

 1D4344

 9AC2C3

 032D2E

 B5DEDF

 001919

 D1FBFC

 000000

 EEEFFF

 4D7374

 4D7374

 417374

 597374

 367274

 647474

■ 2A7274

■ 707474

■ 1F7274

■ 7B7474

■ 137274

■ 877474

■ 077174

■ 937574

■ 007174

■ 9E7574

■ AA7574

■ B57674

Harmonies

Analogous

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



547368



4D7374



4F727E

Triad

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



4D7374



78677B



796A56

Complementary

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



4D7374



744E4D

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.



82675B



4D7374



816571

Square

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



4D7374



6A6B82



856465



6D6E56

Rectangle

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



4D7374



567082



856465



7C6957

Sweetspot

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



4D7374



879696



4D744E



434C4D



CCCCCC



4D4D4D

Same Dimension

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



4D7374



5A9596



4D6074



353A3B



00777A



00F3FA

Inverse Universe

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



744D73



965A95



74614D



3B353A



7A0077



FA00F3

Previews

White Background



This preview shows how the Hex color 4D7374 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

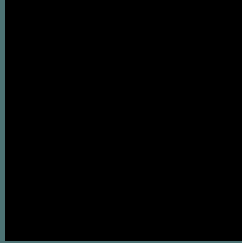
Any Text WCAG AA × Fail

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 4D7374 Background



This preview shows how black text looks on a background with the Hex color 4D7374.

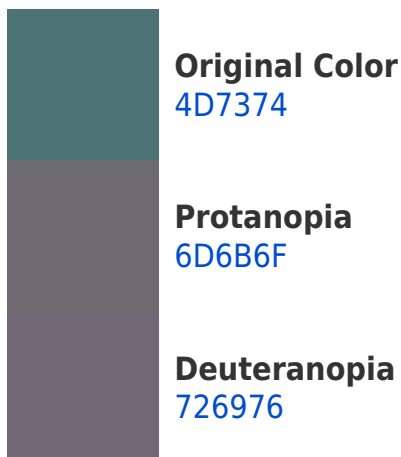


This preview shows how white text looks on a background with the Hex color 4D7374.

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](#).

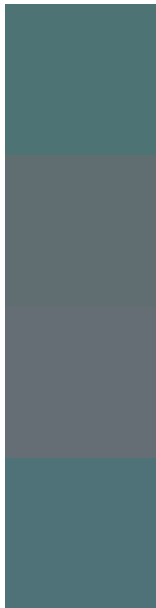
Dichromacy





Tritanopia
4F727B

Trichromacy



Original Color
4D7374

Protanomaly
616E71

Deuteranomaly
656D75

Tritanomaly
4E7278

Monochromacy



Original Color
4D7374

Achromatopsia
686868

Achromatomaly
5E6C6C

CSS Examples

Text

The CSS property to change the color of the text to Hex 4D7374 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 #4D7374 looks like.

```
.text, #text, p{  
    color:#4D7374  
}
```

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 #4D7374 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D7374
}
```

Border

The CSS property to change the border of an element to Hex 4D7374 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
#4D7374 }
```

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

```
.border{ border-color:#4D7374 }
```

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

Here you see how a box with a 4 pixel #4D7374 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D7374; -webkit-box-shadow:4px 4px  
4px 4px #4D7374; box-shadow:4px 4px 4px  
4px #4D7374 }
```

Background

The CSS property to change the background color of an element to Hex 4D7374 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D7374 }
```

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

```
.background{ background-color:#4D7374 }
```

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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