

Converting Colors

Hex(4D7584)

Have a look what the booklet for
Hex(4D7584) contains.

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Color

Hex(4D7584)

Conversions

Conversions Part 1

Format	Color
Hex	4D7584
RGB	77, 117, 132
RGB Percent	30%, 46%, 52%
CMY	0.6980, 0.5412, 0.4824
CMYK	0.42, 0.11, 0.00, 0.48
HSL	196°, 26%, 41%
HSV	196°, 42%, 52%
XYZ	13.5867, 15.9663, 24.1955
YIQ	106.7500, -28.6550, -3.8150

Conversions

Conversions Part 2

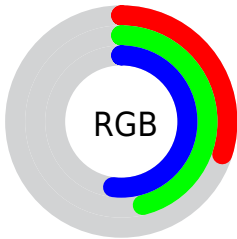
Format	Color
RYB	77, 100, 132
Decimal	5076356
CIELab	46.93, -9.82, -12.64
CIElCh	47, 16.004, 232.164
Yxy	15.9663, 0.2528, 0.2971
Android (android.graphics.Color)	4283266436 (0xFF4D7584)
YUV	106.7500, 12.4482, -26.0907
Hunter-Lab	39.9579, -9.2316, -7.9311

Details

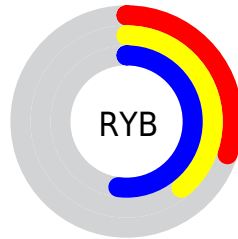
The Hex color **4D7584** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **845C4D**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **81A9B9**, and **1A4553** is the 20% darker color. If you saturate the color by 10%, you get **407184**, and if you desaturate by 10%, it is **5A7984**.

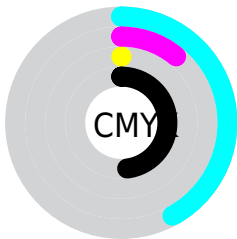
Distribution



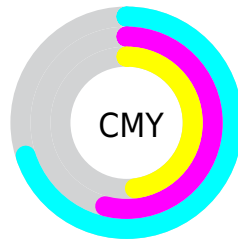
- Red (30%)
- Green (46%)
- Blue (52%)



- Red (30%)
- Yellow (39%)
- Blue (52%)



- Cyan (42%)
- Magenta (11%)
- Yellow (0%)
- Black (48%)



- Cyan (70%)
- Magenta (54%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4D7584 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 4D7584 by changing the saturation by 10% instead.

■ 4D7584

■ 4D7584

FFFFFF

■ 345C6B

■ 81A9B9

■ 1A4553

■ 9BC4D5

■ 002E3B

■ B7E0F1

■ 001A26

■ D3FDFF

■ 000111

■ F0FFFF

■ 000000

■ 4D7584

■ 4D7584

■ 407184

■ 5A7984

■ 336E84

■ 677C84

■ 256A84

■ 758084

■ 186784

■ 828384

■ 0B6384

■ 8F8784

■ 006084

■ 9C8B84

■ A98E84

■ B79284

■ C49584

Harmonies

Analogous

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



4A7779



4D7584



5B728A

Triad

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



4D7584



886673



6F7256

Complementary

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



4D7584



845C4D

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.



7D6D55



4D7584



8B6666

Square

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



4D7584



7D6980



87695B



5F755E

Rectangle

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



4D7584



676F89



87695B



747055

Sweetspot

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



4D7584



95A5AB



4D845C



495357



D6D6D6



575757

Same Dimension

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



4D7584



5594AB



4D5A84



3C4042



005F82



000203

Inverse Universe

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



844D75



AB5594



84774D



423C40



82005F



030002

Previews

White Background



This preview shows how the Hex color 4D7584 looks on a white background.

Color Contrast Check

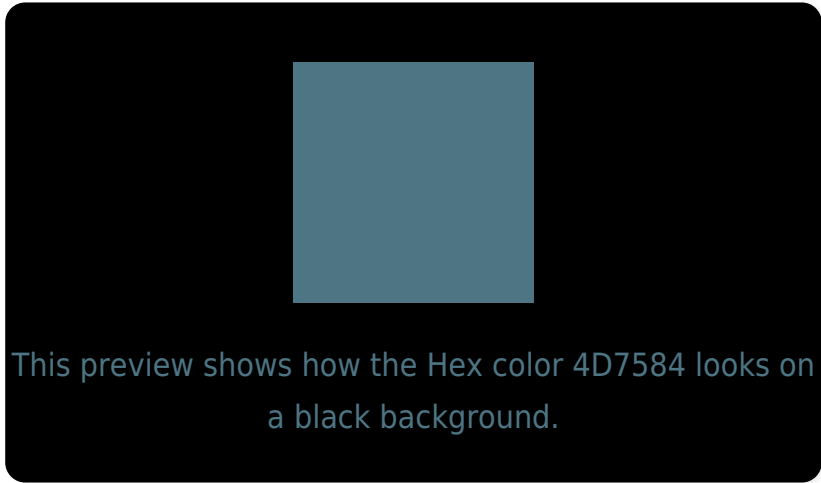
Large Text (above 18pt) WCAG AA ✓ Pass

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

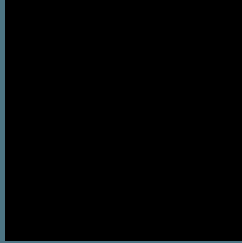
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

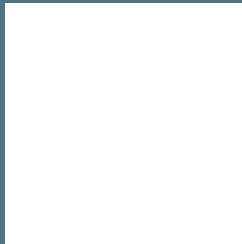
Any Text WCAG AAA × Fail

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

Hex 4D7584 Background



This preview shows how black text looks on a background with the Hex color 4D7584.

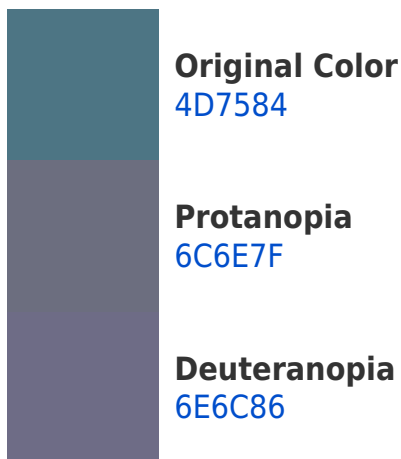



This preview shows how white text looks on a background with the Hex color 4D7584.

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](#).

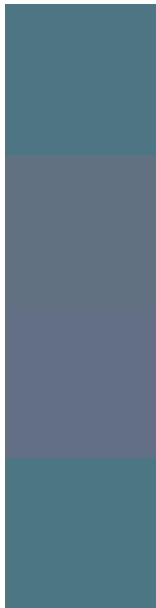
Dichromacy





Tritanopia
4C767F

Trichromacy



Original Color
4D7584

Protanomaly
617181

Deuteranomaly
626F85

Tritanomaly
4C7681

Monochromacy



Original Color
4D7584

Achromatopsia
6B6B6B

Achromatomaly
606F74

CSS Examples

Text

The CSS property to change the color of the text to Hex 4D7584 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 #4D7584 looks like.

```
.text, #text, p{  
    color:#4D7584  
}
```

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 #4D7584 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D7584
}
```

Border

The CSS property to change the border of an element to Hex 4D7584 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
#4D7584 }
```

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

```
.border{ border-color:#4D7584 }
```

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

Here you see how a box with a 4 pixel #4D7584 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D7584; -webkit-box-shadow:4px 4px  
4px 4px #4D7584; box-shadow:4px 4px 4px  
4px #4D7584 }
```

Background

The CSS property to change the background color of an element to Hex 4D7584 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D7584 }
```

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

```
.background{ background-color:#4D7584 }
```

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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