

Converting Colors

Hex(4D7164)

Have a look what the booklet for
Hex(4D7164) contains.

Hex(4D7164)	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(4D7164)

Conversions

Conversions Part 1

Format	Color
Hex	4D7164
RGB	77, 113, 100
RGB Percent	30%, 44%, 39%
CMY	0.6980, 0.5569, 0.6078
CMYK	0.32, 0.00, 0.12, 0.56
HSL	158°, 19%, 37%
HSV	158°, 32%, 44%
XYZ	11.2659, 14.3081, 14.2246
YIQ	100.7540, -17.2830, -11.6750

Conversions

Conversions Part 2

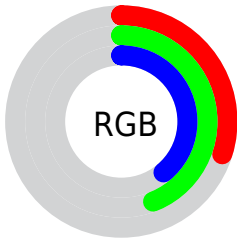
Format	Color
RYB	77, 99, 113
Decimal	5075300
CIELab	44.67, -15.91, 3.12
CIELCh	45, 16.209, 168.887
Yxy	14.3081, 0.2831, 0.3595
Android (android.graphics.Color)	4283265380 (0xFF4D7164)
YUV	100.7540, -0.3717, -20.8323
Hunter-Lab	37.8261, -13.0321, 4.1822

Details

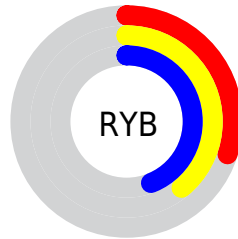
The Hex color **4D7164** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **714D5A**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **7FA597**, and **1E4135** is the 20% darker color. If you saturate the color by 10%, you get **427160**, and if you desaturate by 10%, it is **587168**.

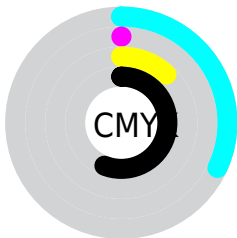
Distribution



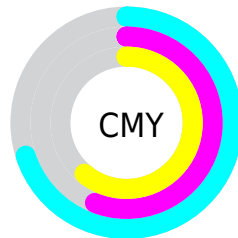
- Red (30%)
- Green (44%)
- Blue (39%)



- Red (30%)
- Yellow (39%)
- Blue (44%)



- Cyan (32%)
- Magenta (0%)
- Yellow (12%)
- Black (56%)



- Cyan (70%)
- Magenta (56%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4D7164 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 4D7164 by changing the saturation by 10% instead.

 4D7164

 4D7164

FFFFFF

 35584C

 7FA597

 1E4135

 99C0B1

 072B20

 B4DCCD

 001709

 D0F9E9

 000000

 EDFFFF

 4D7164

 4D7164

 427160

 587168

 36715C

 64716C

■ 2B7158

■ 6F7170

■ 207154

■ 7A7174

■ 157150

■ 857178

■ 09714C

■ 91717C

■ 007148

■ 9C7181

■ A77185

■ B37189

Harmonies

Analogous

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



5B6F58



4D7164



447172

Triad

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



4D7164



656883



826356

Complementary

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



4D7164



714D5A

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.



856062



4D7164



76637B

Square

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



4D7164



536C84



81606F



78674F

Rectangle

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



4D7164



44707A



81606F



846259

Sweetspot

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



4D7164



85948F



5A714D



414A47



C9C9C9



4A4A4A

Same Dimension

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



4D7164



5C9480



4D6C71



323836



00784D



00F79E

Inverse Universe

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



714D5A



945C70



71524D



383235



78002B



F70059

Previews

White Background



This preview shows how the Hex color 4D7164 looks on a white background.

Color Contrast Check

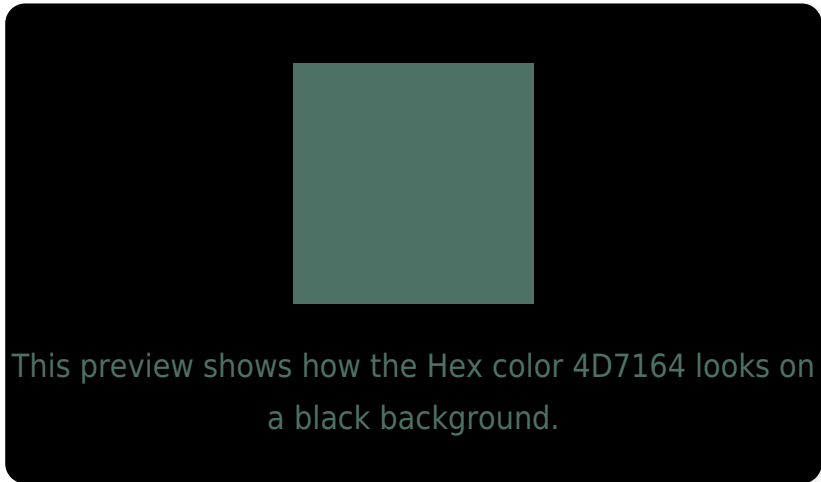
Large Text (above 18pt) WCAG AA ✓ Pass

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

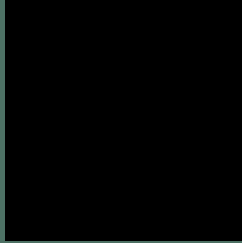
Any Text WCAG AA × Fail

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 4D7164 Background



This preview shows how black text looks on a background with the Hex color 4D7164.



This preview shows how white text looks on a background with the Hex color 4D7164.

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

4D7164

Protanopia

6D6960

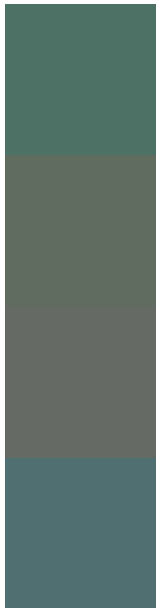
Deuteranopia

756666



Tritanopia
516E77

Trichromacy



Original Color
4D7164

Protanomaly
616C61

Deuteranomaly
666A65

Tritanomaly
506F70

Monochromacy



Original Color
4D7164

Achromatopsia
656565

Achromatomaly
5C6965

CSS Examples

Text

The CSS property to change the color of the text to Hex 4D7164 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 #4D7164 looks like.

```
.text, #text, p{  
    color:#4D7164  
}
```

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 #4D7164 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D7164
}
```

Border

The CSS property to change the border of an element to Hex 4D7164 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
#4D7164 }
```

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

```
.border{ border-color:#4D7164 }
```

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

Here you see how a box with a 4 pixel #4D7164 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D7164; -webkit-box-shadow:4px 4px  
4px 4px #4D7164; box-shadow:4px 4px 4px  
4px #4D7164 }
```

Background

The CSS property to change the background color of an element to Hex 4D7164 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D7164 }
```

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

```
.background{ background-color:#4D7164 }
```

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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