

Converting Colors

Hex(4D7158)

Have a look what the booklet for
Hex(4D7158) contains.

Hex(4D7158)	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(4D7158)

Conversions

Conversions Part 1	
Format	Color
Hex	4D7158
RGB	77, 113, 88
RGB Percent	30%, 44%, 35%
CMY	0.6980, 0.5569, 0.6549
CMYK	0.32, 0.00, 0.22, 0.56
HSL	138°, 19%, 37%
HSV	138°, 32%, 44%
XYZ	10.7271, 14.0926, 11.3873
YIQ	99.3860, -13.4310, -15.4070

Conversions

Conversions Part 2

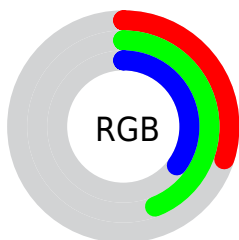
Format	Color
RYB	77, 105, 113
Decimal	5075288
CIELab	44.37, -18.57, 9.85
CIELCh	44, 21.016, 152.052
Yxy	14.0926, 0.2963, 0.3892
Android (android.graphics.Color)	4283265368 (0xFF4D7158)
YUV	99.3860, -5.6133, -19.6325
Hunter-Lab	37.5401, -14.6886, 8.2933

Details

The Hex color **4D7158** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **714D66**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **7FA58A**, and **1E412B** is the 20% darker color. If you saturate the color by 10%, you get **427150**, and if you desaturate by 10%, it is **587160**.

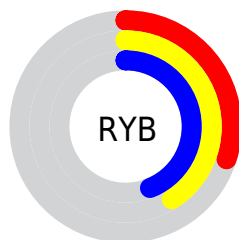
Distribution



Red (30%)

Green (44%)

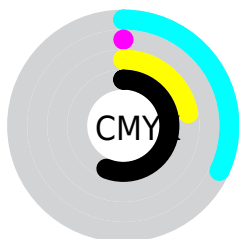
Blue (35%)



Red (30%)

Yellow (41%)

Blue (44%)

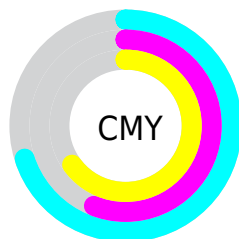


Cyan (32%)

Magenta (0%)

Yellow (22%)

Black (56%)



Cyan (70%)

Magenta (56%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4D7158 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 4D7158 by changing the saturation by 10% instead.

 4D7158

FFFFFF

 7FA58A

 99C0A4

 B4DCBF

 D0F9DB

 EDFFF8

 4D7158

 355841

 1E412B

 072A16

 001800

 000000

 4D7158

 427150

 367148

 4D7158

 587160

 647168

 2B7140

 6F7170

 207139

 7A7177

 157131

 85717F

 097129

 917187

 007123

 9C718F

 A77197

 B3719F

Harmonies

Analogous

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



616D4B



4D7158



3A736A

Triad

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



4D7158



546A8C



8B5D57

Complementary

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



4D7158



714D66

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.



8B5C68



4D7158



6D6486

Square

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



4D7158



3C6F87



805E7A



83624B

Rectangle

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



4D7158



327275



805E7A



8C5C5D

Sweetspot

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



4D7158



85948A



66714D



414A44



C9C9C9



4A4A4A

Same Dimension

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



4D7158



5C946D



4D716A



323834



007825



00F74C

Inverse Universe

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



714D66



945C83



714D54



383236



780053



F700AC

Previews

White Background



This preview shows how the Hex color 4D7158 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



This preview shows how the Hex color 4D7158 looks on a 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 4D7158 Background



This preview shows how black text looks on a background with the Hex color 4D7158.



This preview shows how white text looks on a background with the Hex color 4D7158.

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

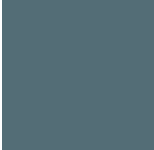
4D7158

Protanopia

6F6854

Deuteranopia

78655B

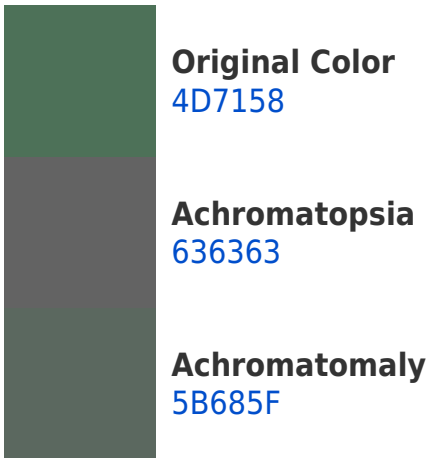


Tritanopia
536D76

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4D7158 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 #4D7158 looks like.

```
.text, #text, p{  
    color:#4D7158  
}
```

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 #4D7158 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D7158
}
```

Border

The CSS property to change the border of an element to Hex 4D7158 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
#4D7158 }
```

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

```
.border{ border-color:#4D7158 }
```

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

Here you see how a box with a 4 pixel #4D7158 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D7158; -webkit-box-shadow:4px 4px  
4px 4px #4D7158; box-shadow:4px 4px 4px  
4px #4D7158 }
```

Background

The CSS property to change the background color of an element to Hex 4D7158 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D7158 }
```

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

```
.background{ background-color:#4D7158 }
```

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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