

Converting Colors

HunterLab(50.0562, 45.8145,
12.1609)

Have a look what the booklet for
HunterLab(50.0562, 45.8145,
12.1609) contains.

HunterLab(49.9750, 46.0173, 11.9972)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(49.9750, 46.0173,
11.9972)**

Conversions

Conversions Part 1

Format	Color
Hex	DE5F74
RGB	222, 95, 116
RGB Percent	87%, 37%, 45%
CMY	0.1294, 0.6274, 0.5451
CMYK	0.00, 0.57, 0.48, 0.13
HSL	350°, 66%, 62%
HSV	350°, 57%, 87%
XYZ	37.3689, 24.9750, 19.3741
YIQ	135.3670, 68.9510, 33.4550

Conversions

Conversions Part 2

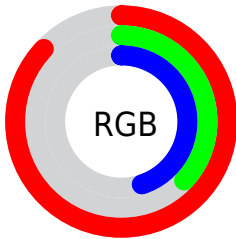
Format	Color
RYB	222, 95, 116
Decimal	14573428
CIELab	57.05, 51.41, 13.46
CIELCh	57, 53.146, 14.672
Yxy	24.9763, 0.4573, 0.3056
Android (android.graphics.Color)	4292763508 (0xFFDE5F74)
YUV	135.3670, -9.5479, 75.9771
Hunter-Lab	49.9750, 46.0173, 11.9972

Details

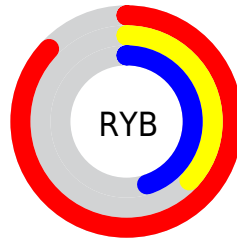
The HunterLab color **49.9750, 46.0173, 11.9972** is a dark color, and the websafe version is hex **CC6666**. The color can be described as middle muted rose. A complement of this color would be **76.7419, -38.0382, 3.9268**, and the grayscale version is **49.3864, -2.6351, 2.6833**.

A 20% lighter version of the original color is **67.7494, 37.4508, 9.9824**, and **30.9027, 42.2048, 9.2884** is the 20% darker color. If you saturate the color by 10%, you get **45.9797, 54.1444, 14.5485**, and if you desaturate by 10%, it is **54.8057, 37.1364, 9.8110**.

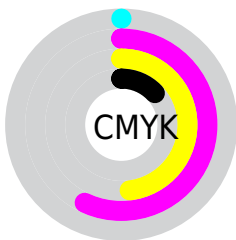
Distribution



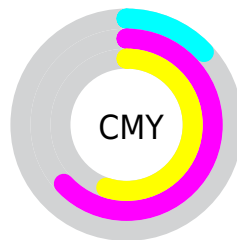
- Red (87%)
- Green (37%)
- Blue (45%)



- Red (87%)
- Yellow (37%)
- Blue (45%)



- Cyan (0%)
- Magenta (57%)
- Yellow (48%)
- Black (13%)





- Cyan (13%)
- Magenta (63%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 49.9750, 46.0173, 11.9972 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 HunterLab color 49.9750, 46.0173, 11.9972 by changing the saturation by 10% instead.


 49.9750, 46.0173,
11.9972


 49.9750, 46.0173,
11.9972


166.6494, 57.7979,
23.7968


 40.0742, 44.2045,
10.6505


 71.8463, 49.3022,
14.6331


 30.9293, 42.2955,
9.2650


 83.7336, 50.7863,
15.9363

 22.6104, 40.3254,
7.8187

 96.2127, 52.1709,
17.2369

 15.2096, 38.4186,
6.2716

 109.2567, 53.4618,
18.5384

 8.8360, 37.1891,
6.1852

122.8420, 54.6648,
19.8434

0.0000, INF, NaN

0.0000, NaN, NaN

136.9480, 55.7853,

21.1538

0.0000, NaN, NaN

151.5560, 56.8282,
22.4712

0.0000, NaN, NaN

■ 49.9750, 46.0173,
11.9972

■ 49.9750, 46.0173,
11.9972

■ 45.9797, 54.1444,
14.5485

■ 54.8057, 37.1364,
9.8110

■ 42.9264, 60.8549,
17.3151

■ 60.3448, 28.0115,
8.0385

■ 40.8781, 65.4698,
20.0518

■ 66.4794, 18.9407,
6.6704

■ 39.7877, 67.6853,
22.4545

■ 73.1120, 10.0751,
5.6659

■ 39.5743, 68.1050,
22.9926

■ 80.1636, 1.4714,
4.9748

■ 87.5710, -6.8655,
4.5484

■ 95.2840, -14.9557,
4.3433

■ 97.0925, -15.6029,
1.7821

Harmonies

Analogous

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



49.9763, 45.8414, -9.3249



49.9750, 46.0173, 11.9972



49.9763, 31.6733, 23.7576

Triad

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



49.9763, 46.0137, 11.9982



49.9763, -29.4127, 23.9205



49.9763, -13.5197, -54.8699

Complementary

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



49.9750, 46.0173, 11.9972



76.7419, -38.0382, 3.9268

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.



49.9763, -29.6826, -35.3520



49.9750, 46.0173, 11.9972



49.9763, -37.7003, 12.3571

Square

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



49.9763, 46.0137, 11.9982



49.9763, -13.0849, 28.2962



49.9763, -37.7896, -8.7685



49.9763, 8.6760, -55.1100

Rectangle

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



49.9750, 46.0173, 11.9972



49.9763, 17.0556, 27.3458



49.9763, -37.7896, -8.7685



49.9763, -19.7418, -50.0627

Sweetspot

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



49.9763, 46.0137, 11.9982



85.6020, 11.7147, 6.6223



50.8471, 56.0746, -48.2686



38.8566, 6.3802, 3.1590

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



49.9763, 46.0137, 11.9982



52.8628, 65.3613, 17.7631



58.6034, 22.8860, 25.5567



37.0639, 1.5953, 2.4091



30.5179, 52.5549, 17.4559



8.1051, 14.0968, 3.5587

Inverse Universe

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



49.9763, 46.0137, 11.9982



52.8628, 65.3613, 17.7631



63.4163, -14.8289, -25.7933



37.0639, 1.5953, 2.4091



30.5179, 52.5549, 17.4559



8.1051, 14.0968, 3.5587

Previews

White Background



This preview shows how the HunterLab color 49.9750, 46.0173, 11.9972 looks on a white background.

Color Contrast Check

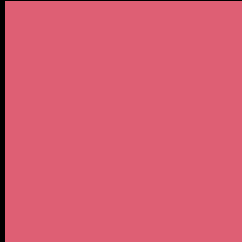
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 49.9750, 46.0173, 11.9972 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

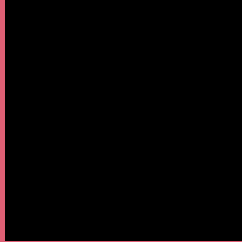
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

HunterLab 49.9750, 46.0173, 11.9972 Background



This preview shows how black text looks on a background with the HunterLab color 49.9750, 46.0173, 11.9972.

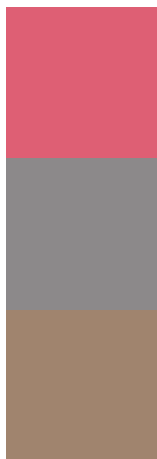


This preview shows how white text looks on a background with the HunterLab color 49.9750, 46.0173,

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

49.9750, 46.0173, 11.9972

Protanopia

50.3008, -1.6228, 2.6250

Deuteranopia

50.1018, 3.3961, 13.4747



Tritanopia

49.9210, 43.4793, 15.9676

Trichromacy



Original Color

49.9750, 46.0173, 11.9972

Protanomaly

49.0681, 14.4116, 4.9692

Deuteranomaly

49.4275, 18.4112, 12.3914

Tritanomaly

49.8203, 44.3364, 14.5912

Monochromacy



Original Color

49.9750, 46.0173, 11.9972

Achromatopsia

49.2221, -2.6264, 2.6743

Achromatomaly

48.1736, 14.0699, 4.7960

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.9750, 46.0173, 11.9972 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 `rgb(222, 95, 116)` looks like.

```
.text, #text, p{  
    color:rgb(222, 95, 116)  
}
```

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 rgb(222, 95, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 95, 116) }
```

Border

The CSS property to change the border of an element to HunterLab 49.9750, 46.0173, 11.9972 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 rgb(222, 95, 116) }
```


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

```
.border{ border-color:rgb(222, 95, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 95, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 95, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 95, 116);  
box-shadow:4px 4px 4px 4px rgb(222, 95,  
116) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.9750, 46.0173, 11.9972 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 95, 116) }
```

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

```
.background{ background-color: rgb(222, 95,  
116) }
```

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