

Converting Colors

HunterLab(25.7878, 4.4104,
-4.7637)

Have a look what the booklet for
HunterLab(25.7878, 4.4104, -4.7637)
contains.

HunterLab(25.7873, 4.4110, -4.7642)	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(25.7873, 4.4110,
-4.7642)**

Conversions

Conversions Part 1

Format	Color
Hex	504557
RGB	80, 69, 87
RGB Percent	31%, 27%, 34%
CMY	0.6863, 0.7294, 0.6588
CMYK	0.08, 0.21, 0.00, 0.66
HSL	277°, 12%, 31%
HSV	277°, 21%, 34%
XYZ	7.1567, 6.6498, 9.9232
YIQ	74.3410, 0.7780, 7.9300

Conversions

Conversions Part 2

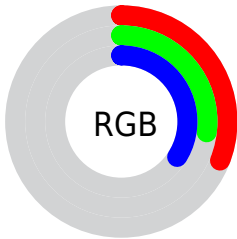
Format	Color
RYB	80, 69, 87
Decimal	5260631
CIELab	31.00, 8.57, -8.98
CIELCh	31, 12.406, 313.661
Yxy	6.6501, 0.3016, 0.2802
Android (android.graphics.Color)	4283450711 (0xFF504557)
YUV	74.3410, 6.2409, 4.9629
Hunter-Lab	25.7873, 4.4110, -4.7642




Details

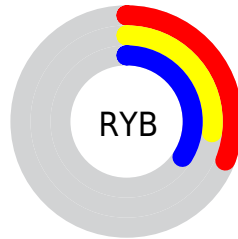
The HunterLab color **25.7873, 4.4110, -4.7642** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **29.6357, -6.9111, 6.8757**, and the grayscale version is **26.2688, -1.4016, 1.4272**.




A 20% lighter version of the original color is **43.8131, 4.5241, -4.9506**, and **11.2396, 3.8423, -4.5620** is the 20% darker color. If you saturate the color by 10%, you get **23.4808, 7.4229, -8.1694**, and if you desaturate by 10%, it is **28.1979, 1.4533, -1.5585**.

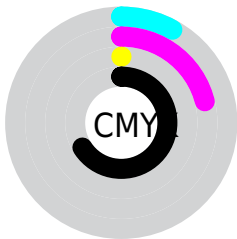
Distribution







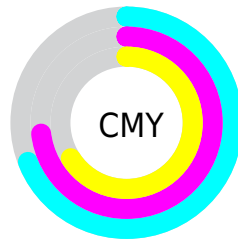
-  Red (31%)
-  Green (27%)
-  Blue (34%)






-  Red (31%)
-  Yellow (27%)
-  Blue (34%)



-  Cyan (8%)
-  Magenta (21%)
-  Yellow (0%)
-  Black (66%)



-  Cyan (69%)
-  Magenta (73%)
-  Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 25.7873, 4.4110, -4.7642 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 25.7873, 4.4110, -4.7642 by changing the saturation by 10% instead.

■ 25.7873, 4.4110,
-4.7642

■ 25.7873, 4.4110,
-4.7642

■ 128.3449, 2.7585,
-2.8223

■ 18.0119, 4.2313,
-4.6509

■ 43.8929, 4.4804,
-4.7423

■ 11.2274, 3.9238,
-4.4421

■ 54.0781, 4.4001,
-4.6267

■ 3.3219, 11.0582,
-11.0187

■ 64.9483, 4.2557,
-4.4506

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 76.4626, 4.0535,
-4.2195

0.0000, NaN, NaN

■ 88.5868, 3.7989,
-3.9377

0.0000, NaN, NaN

0.0000, NaN, NaN

101.2917, 3.4960,

-3.6089

0.0000, NaN, NaN

114.5518, 3.1482,
-3.2363

■ 25.7873, 4.4110,
-4.7642

■ 25.7873, 4.4110,
-4.7642

■ 23.4808, 7.4229,
-8.1694

■ 28.1979, 1.4533,
-1.5585

■ 21.2940, 10.4833,
-11.8015

■ 30.6972, -1.4495,
1.4744

■ 19.2491, 13.5667,
-15.6746

■ 33.2749, -4.3033,
4.3620

■ 17.3732, 16.6177,
-19.7760

■ 35.9223, -7.1150,
7.1281

■ 15.6989, 19.5317,
-24.0387

■ 38.6323, -9.8914,
9.7933

14.2627, 22.1363,
-28.3071

41.3989, -12.6391,
12.3748

13.0916, 24.2233,
-32.3452

44.2173, -15.3640,
14.8869

12.0396, 26.3335,
-36.5249

47.0834, -18.0712,
17.3416

49.9938, -20.7651,
19.7488

Harmonies

Analogous

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



25.7878, 0.5488, -7.1872



25.7873, 4.4110, -4.7642



25.7878, 6.7988, -0.8414

Triad

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



25.7878, 4.4104, -4.7637



25.7878, 0.9232, 7.7164



25.7878, -8.7329, -0.4685

Complementary

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



25.7873, 4.4110, -4.7642



29.6357, -6.9111, 6.8757

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.



25.7878, -8.6468, 3.4635



25.7873, 4.4110, -4.7642



25.7878, -3.2486, 7.7835

Square

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



25.7878, 4.4104, -4.7637



25.7878, 4.6995, 6.1447



25.7878, -6.6958, 6.3456



25.7878, -6.9389, -4.4534

Rectangle

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



25.7873, 4.4110, -4.7642



25.7878, 7.1451, 1.8873



25.7878, -6.6958, 6.3456



25.7878, -8.9192, 0.9106

Sweetspot

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



25.7878, 4.4104, -4.7637



38.2901, 0.1857, -0.2295



26.7397, -1.5811, -3.5441



18.8631, 0.1498, -0.1742



69.0652, -3.6851, 3.7524



19.9203, -1.0629, 1.0823

Same Dimension

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



25.7878, 4.4104, -4.7637



32.1276, 7.7664, -8.4644



26.3473, 6.1024, -3.0923



14.5403, 0.4532, -0.4897



14.8420, 32.5836, -45.9610



34.4198, 76.3038, -112.3215

Inverse Universe

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



26.0856, 4.7365, 0.6151



32.6330, 8.3004, 0.5579



29.2133, -8.3906, 5.8231



14.5987, 0.5210, 0.5956



18.1568, 32.0010, 4.7018



42.8411, 75.1392, 13.9422

Previews

White Background



This preview shows how the HunterLab color 25.7873, 4.4110, -4.7642 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 ✓ Pass

Black Background



This preview shows how the HunterLab color 25.7873, 4.4110, -4.7642 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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](#).

HunterLab 25.7873, 4.4110, -4.7642 Background



This preview shows how black text looks on a background with the HunterLab color 25.7873, 4.4110, -4.7642.



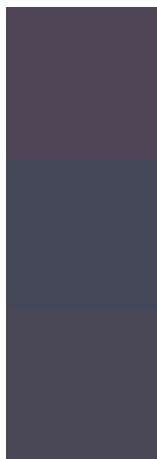
This preview shows how white text looks on a background with the HunterLab color 25.7873, 4.4110,

-4.7642.

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

25.7873, 4.4110, -4.7642

Protanopia

25.7317, 0.5785, -5.9112

Deuteranopia

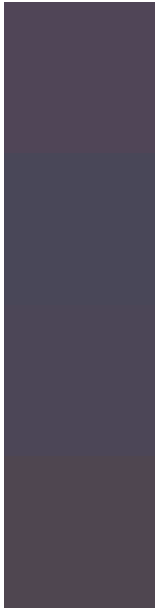
25.7885, 1.9210, -4.8061



Tritanopia

25.7837, 1.2600, 0.1869

Trichromacy



Original Color

25.7873, 4.4110, -4.7642

Protanomaly

25.7440, 1.8358, -5.3676

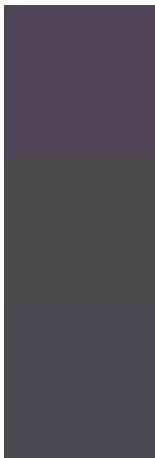
Deuteranomaly

25.7001, 2.8860, -4.9150

Tritanomaly

25.7328, 2.5710, -1.5851

Monochromacy



Original Color

25.7873, 4.4110, -4.7642

Achromatopsia

26.1683, -1.3963, 1.4218

Achromatomaly

25.9533, 0.7254, -0.8937

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 25.7873, 4.4110, -4.7642 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(80, 69, 87)` looks like.

```
.text, #text, p{  
    color:rgb(80, 69, 87)  
}
```

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(80, 69, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 69, 87) }
```

Border

The CSS property to change the border of an element to HunterLab 25.7873, 4.4110, -4.7642 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(80, 69, 87) }
```


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

```
.border{ border-color:rgb(80, 69, 87) }
```

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

Here you see how a box with a 4 pixel `rgb(80, 69, 87)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 69, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 69, 87);  
box-shadow:4px 4px 4px 4px rgb(80, 69, 87)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 25.7873, 4.4110, -4.7642 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 69, 87) }
```

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

```
.background{ background-color: rgb(80, 69,  
87) }
```

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