

Converting Colors

HunterLab(25.1472, 47.7054,
-19.5352)

Have a look what the booklet for
HunterLab(25.1472, 47.7054,
-19.5352) contains.

HunterLab(25.1411, 47.7079, -19.8237)	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(25.1411, 47.7079,
-19.8237)**

Conversions

Conversions Part 1

Format	Color
Hex	870070
RGB	135, 0, 112
RGB Percent	53%, 0%, 44%
CMY	0.4706, 0.9999, 0.5608
CMYK	0.00, 1.00, 0.17, 0.47
HSL	310°, 100%, 26%
HSV	310°, 100%, 53%
XYZ	12.9163, 6.3207, 15.8685
YIQ	53.1330, 44.5080, 63.4520

Conversions

Conversions Part 2

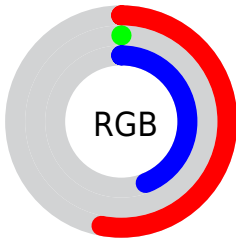
Format	Color
RYB	135, 0, 112
Decimal	8847472
CIELab	30.21, 57.89, -25.58
CIElCh	30, 63.288, 336.160
Yxy	6.3211, 0.3679, 0.1801
Android (android.graphics.Color)	4287037552 (0xFF870070)
YUV	53.1330, 29.0214, 71.7974
Hunter-Lab	25.1411, 47.7079, -19.8237

Details

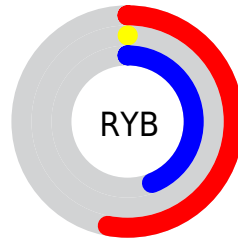
The HunterLab color **25.1411, 47.7079, -19.8237** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **41.7014, -35.2284, 23.9260**, and the grayscale version is **18.8102, -1.0037, 1.0220**.

A 20% lighter version of the original color is **43.1878, 51.8103, -20.6977**, and **14.4071, 27.2418, -10.6069** is the 20% darker color. If you saturate the color by 10%, you get **25.1411, 47.7077, -19.8224**, and if you desaturate by 10%, it is **25.8338, 45.9744, -20.0190**.

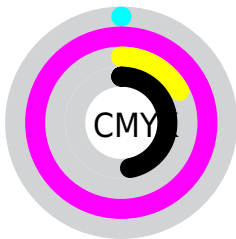
Distribution



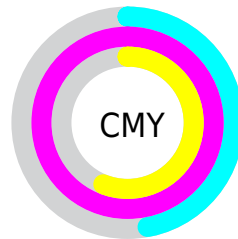
- Red (53%)
- Green (0%)
- Blue (44%)



- Red (53%)
- Yellow (0%)
- Blue (44%)



- Cyan (0%)
- Magenta (100%)
- Yellow (17%)
- Black (47%)














- Cyan (47%)
- Magenta (100%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 25.1411, 47.7079, -19.8237 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 25.1411, 47.7079, -19.8237 by changing the saturation by 10% instead.

 25.1411, 47.7079, -19.8237	 25.1411, 47.7079, -19.8237
127.2387, 63.5615, -22.9459	 17.4393, 45.7123, -19.3354
 43.1205, 51.8571, -20.8737	 10.7393, 44.2411, -19.1128
 53.2498, 53.8305, -21.3416	 1.5192, 183.6195, -80.3947
 64.0675, 55.7031, -21.7529	0.0000, INF, -NF
	0.0000, NaN, NaN
 75.5324, 57.4713, -22.1052	0.0000, NaN, NaN
	0.0000, NaN, NaN
 87.6096, 59.1369, -22.3987	0.0000, NaN, NaN
	0.0000, NaN, NaN
 100.2697, 60.7039,	

-22.6352

0.0000, NaN, NaN

113.4869, 62.1771,
-22.8168

25.1411, 47.7079,
-19.8237

25.1411, 47.7079,
-19.8237

25.1411, 47.7077,
-19.8224

25.8338, 45.9744,
-20.0190

26.8522, 43.2250,
-19.5859

28.3423, 39.1509,
-18.2948

30.2918, 34.0543,
-16.2708

32.6637, 28.2867,
-13.6912

■ 35.4105, 22.1553,
-10.7298

■ 38.4827, 15.8843,
-7.5275

■ 41.8347, 9.6165,
-4.1852

■ 45.4269, 3.4318,
-0.7698

Harmonies

Analogous

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



25.1417, 27.4283, -54.1723



25.1411, 47.7079, -19.8237



25.1417, 53.2004, 5.1752

Triad

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



25.1417, 47.7060, -19.8226



25.1417, -5.5588, 17.5992



25.1417, -26.4700, -33.8230

Complementary

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



25.1411, 47.7079, -19.8237



41.7014, -35.2284, 23.9260

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.



25.1417, -30.3429, -3.1457



25.1411, 47.7079, -19.8237



25.1417, -21.1177, 17.4366

Square

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



25.1417, 47.7060, -19.8226



25.1417, 17.2932, 17.5992



25.1417, -28.7726, 12.5201



25.1417, -15.7573, -65.9446

Rectangle

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



25.1411, 47.7079, -19.8237



25.1417, 46.5522, 13.1465



25.1417, -28.7726, 12.5201



25.1417, -28.4199, -22.3542

Sweetspot

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



25.1417, 47.7060, -19.8226



51.2050, 21.8298, -10.3725



13.8781, 36.3656, -88.7388



23.8976, 11.9913, -5.7597



83.1908, -4.4389, 4.5199



31.6988, -1.6914, 1.7223

Same Dimension

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



25.1417, 47.7060, -19.8226



33.6135, 63.7353, -26.1173



23.1101, 40.3936, 8.5759



21.7935, 1.3784, -0.2227



24.1457, 45.8246, -19.0817



1.4523, 2.8063, -1.5361

Inverse Universe

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



25.1417, 47.7060, -19.8226



33.6135, 63.7353, -26.1173



42.5046, -30.2464, 12.1674



21.7935, 1.3784, -0.2227



24.1457, 45.8246, -19.0817



1.4523, 2.8063, -1.5361

Previews

White Background



This preview shows how the HunterLab color 25.1411, 47.7079, -19.8237 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 25.1411, 47.7079, -19.8237 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

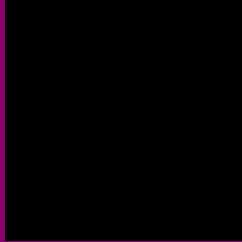
Any Text WCAG AA × Fail

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 25.1411, 47.7079, -19.8237 Background



This preview shows how black text looks on a background with the HunterLab color 25.1411, 47.7079, -19.8237.



This preview shows how white text looks on a background with the HunterLab color 25.1411, 47.7079, -19.8237.

-19.8237.

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

25.1411, 47.7079, -19.8237

Protanopia

26.3337, 8.5982, -51.4758

Deuteranopia

26.4088, 1.4261, -13.7067



Tritanopia

25.8336, 27.1145, 10.2210

Trichromacy



Original Color

25.1411, 47.7079, -19.8237

Protanomaly

21.0759, 20.9721, -54.2879

Deuteranomaly

22.8901, 21.1038, -22.2738

Tritanomaly

24.7199, 35.5394, 1.5566

Monochromacy



Original Color

25.1411, 47.7079, -19.8237

Achromatopsia

18.8683, -1.0068, 1.0252

Achromatomaly

18.6480, 18.8193, -8.7779

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 25.1411, 47.7079, -19.8237 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(135, 0, 112)` looks like.

```
.text, #text, p{  
    color:rgb(135, 0, 112)  
}
```

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(135, 0, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 0, 112) }
```

Border

The CSS property to change the border of an element to HunterLab 25.1411, 47.7079, -19.8237 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(135, 0, 112) }
```


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

```
.border{ border-color:rgb(135, 0, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 0, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 0, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 0, 112);  
box-shadow:4px 4px 4px 4px rgb(135, 0,  
112) }
```

Background

The CSS property to change the background color of an element to HunterLab 25.1411, 47.7079, -19.8237 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 0, 112) }
```

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

```
.background{ background-color: rgb(135, 0,  
112) }
```

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