

Converting Colors

HunterLab(47.2229, -12.9236,
24.8671)

Have a look what the booklet for
HunterLab(47.2229, -12.9236,
24.8671) contains.

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Color

**HunterLab(47.2459,
-12.8240, 24.8112)**

Conversions

Conversions Part 1

Format	Color
Hex	828734
RGB	130, 135, 52
RGB Percent	51%, 53%, 20%
CMY	0.4902, 0.4706, 0.7961
CMYK	0.04, 0.00, 0.61, 0.47
HSL	64°, 44%, 37%
HSV	64°, 61%, 53%
XYZ	18.4898, 22.3218, 6.5828
YIQ	124.0430, 23.6630, -26.8730

Conversions

Conversions Part 2

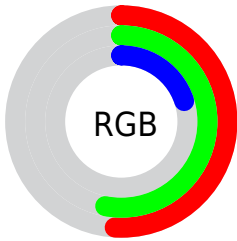
Format	Color
RYB	52, 135, 57
Decimal	8554292
CIELab	54.37, -13.59, 42.83
CIELCh	54, 44.932, 107.611
Yxy	22.3228, 0.3901, 0.4710
Android (android.graphics.Color)	4286744372 (0xFF828734)
YUV	124.0430, -35.5172, 5.2243
Hunter-Lab	47.2459, -12.8240, 24.8112

Details

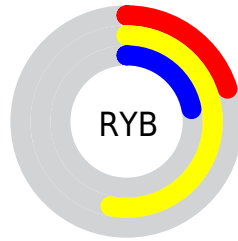
The HunterLab color $47.2459, -12.8240, 24.8112$ is a dark color, and the websafe version is hex 999933 . A complement of this color would be $22.5291, 18.3272, -46.1236$, and the grayscale version is $45.0404, -2.4032, 2.4471$.

A 20% lighter version of the original color is $68.7314, -15.3868, 31.2390$, and $28.4898, -9.8189, 17.3834$ is the 20% darker color. If you saturate the color by 10%, you get $47.0679, -13.7112, 26.3993$, and if you desaturate by 10%, it is $47.4626, -11.7366, 22.6977$.

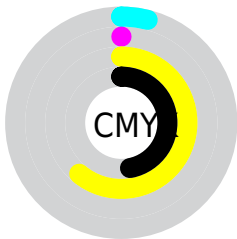
Distribution



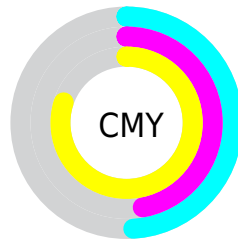
- Red (51%)
- Green (53%)
- Blue (20%)



- Red (20%)
- Yellow (53%)
- Blue (22%)



- Cyan (4%)
- Magenta (0%)
- Yellow (61%)
- Black (47%)



- Cyan (49%)
- Magenta (47%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 47.2459, -12.8240, 24.8112 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 47.2459, -12.8240, 24.8112 by changing the saturation by 10% instead.

47.2459, -12.8240,
24.8112

47.2459, -12.8240,
24.8112

162.5507,
-24.6347, 50.4463

37.5423, -11.4754,
21.3390

68.7597, -15.4650,
31.2068

28.6116, -10.0876,
17.6232

80.4831, -16.7703,
34.1971

20.5289, -8.6385,
14.3702

92.8061, -18.0727,
37.0821

13.3947, -7.0859,
9.3763

105.7009,
-19.3756, 39.8799

6.9537, -8.8899,
4.8676

119.1430,
-20.6815, 42.6047

0.0000, NaN, NaN

0.0000, NaN, NaN

133.1111,

-21.9924, 45.2681

0.0000, NaN, NaN

147.5861,
-23.3097, 47.8794

0.0000, NaN, NaN

■ 47.2459, -12.8240,
24.8112

■ 47.2459, -12.8240,
24.8112

■ 47.0679, -13.7112,
26.3993

■ 47.4626, -11.7366,
22.6977

■ 46.9226, -14.4079,
27.4990

■ 47.7170, -10.4338,
20.0284

■ 46.8074, -14.9341,
28.1605

■ 48.0122, -8.9096,
16.7824

■ 46.7233, -15.3037,
28.5228

■ 48.3498, -7.1592,
12.9453

■ 48.7310, -5.1803,
8.5090

■ 49.1567, -2.9727,
3.4714

■ 49.6276, -0.5383,
-2.1645

■ 50.1442, 2.1192,
-8.3908

■ 50.7066, 4.9945,
-15.1955

Harmonies

Analogous

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



47.2470, 5.3652, 25.1415



47.2459, -12.8240, 24.8112



47.2470, -26.0608, 20.1885

Triad

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



47.2470, -12.8255, 24.8116



47.2470, -24.2212, -29.9275



47.2470, 37.5477, -5.2920

Complementary

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



47.2459, -12.8240, 24.8112



22.5291, 18.3272, -46.1236

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.



47.2470, 26.7712, -26.4531



47.2459, -12.8240, 24.8112



47.2470, -9.9264, -43.9430

Square

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



47.2470, -12.8255, 24.8116



47.2470, -31.9092, -8.8726



47.2470, 8.7446, -42.4709



47.2470, 36.4505, 11.7186

Rectangle

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



47.2459, -12.8240, 24.8112



47.2470, -31.1562, 13.7444



47.2470, 8.7446, -42.4709



47.2470, 35.1324, -12.2425

Sweetspot

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



47.2470, -12.8255, 24.8116



64.8510, -8.7979, 15.5816



28.7094, 24.5779, 11.4109



31.1476, -4.5510, 8.2046



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.



47.2470, -12.8255, 24.8116



62.8985, -18.7668, 36.0173



44.4053, -23.6906, 22.6094



23.2575, -2.2282, 3.5103



44.8681, -14.6867, 27.3904



2.6612, -0.7886, 1.6260

Inverse Universe

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



22.5291, 18.3272, -46.1236



24.1662, 33.7770, -85.2268



26.0442, 27.0805, -35.6624



21.3471, -0.0758, -1.2921



12.8982, 34.5942, -88.6068



0.8112, 2.0781, -4.8159

Previews

White Background



This preview shows how the HunterLab color 47.2459, -12.8240, 24.8112 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 47.2459, -12.8240, 24.8112 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

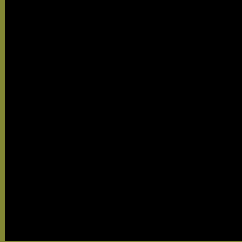
Any Text WCAG AA ✓ Pass

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 47.2459, -12.8240, 24.8112 Background



This preview shows how black text looks on a background with the HunterLab color 47.2459, -12.8240, 24.8112.



This preview shows how white text looks on a background with the HunterLab color 47.2459, -12.8240, 24.8112.

-12.8240, 24.8112.

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

47.2459, -12.8240, 24.8112

Protanopia

47.1424, -5.7971, 25.0084

Deuteranopia

47.1892, 2.8885, 24.5870



Tritanopia

47.2859, 2.2399, -0.0290

Trichromacy



Original Color

47.2459, -12.8240, 24.8112

Protanomaly

47.2409, -8.3708, 25.0323

Deuteranomaly

47.1049, -2.9972, 24.5805

Tritanomaly

47.0490, -4.4690, 12.0714

Monochromacy



Original Color

47.2459, -12.8240, 24.8112

Achromatopsia

44.8950, -2.3955, 2.4392

Achromatomaly

45.5585, -7.1342, 12.9100

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 47.2459, -12.8240, 24.8112 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(130, 135, 52)` looks like.

```
.text, #text, p{  
    color:rgb(130, 135, 52)  
}
```

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(130, 135, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 135, 52) }
```

Border

The CSS property to change the border of an element to HunterLab 47.2459, -12.8240, 24.8112 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(130, 135, 52) }
```


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

```
.border{ border-color:rgb(130, 135, 52) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 135, 52)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 135, 52); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 135, 52);  
box-shadow:4px 4px 4px 4px rgb(130, 135,  
52) }
```

Background

The CSS property to change the background color of an element to HunterLab 47.2459, -12.8240, 24.8112 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 135, 52) }
```

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

```
.background{ background-color: rgb(130,  
135, 52) }
```

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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