

Converting Colors

HunterLab(47.8864, -13.7550,
33.3886)

Have a look what the booklet for
HunterLab(47.8864, -13.7550,
33.3886) contains.

HunterLab(47.9704, -12.1864, 29.3458)	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(47.9704,
-12.1864, 29.3458)**

Conversions

Conversions Part 1

Format	Color
Hex	8A8800
RGB	138, 136, 0
RGB Percent	54%, 53%, 0%
CMY	0.4588, 0.4667, 1.0000
CMYK	0.00, 0.01, 1.00, 0.46
HSL	59°, 100%, 27%
HSV	59°, 100%, 54%
XYZ	19.2854, 23.0116, 3.4252
YIQ	121.0940, 44.8480, -41.8720

Conversions

Conversions Part 2

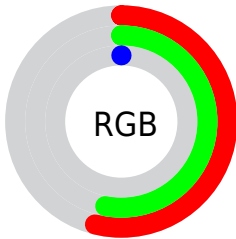
Format	Color
R_{YB}	2, 138, 0
Decimal	9078784
CIE Lab	55.09, -12.59, 59.42
CIE LCh	55, 60.742, 101.962
Yxy	23.0127, 0.4218, 0.5033
Android (android.graphics.Color)	4287268864 (0xFF8A8800)
YUV	121.0940, -59.6993, 14.8266
Hunter-Lab	47.9704, -12.1864, 29.3458

Details

The HunterLab color **47.9704, -12.1864, 29.3458** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **13.7060, 36.0433, -94.9360**, and the grayscale version is **43.9767, -2.3465, 2.3893**.

A 20% lighter version of the original color is **69.5806, -14.6705, 37.9584**, and **29.4978, -8.8727, 18.0211** is the 20% darker color. If you saturate the color by 10%, you get **47.9715, -12.1882, 29.3464**, and if you desaturate by 10%, it is **48.0626, -12.0895, 28.9001**.

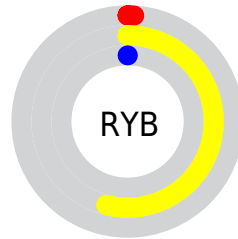
Distribution



Red (54%)

Green (53%)

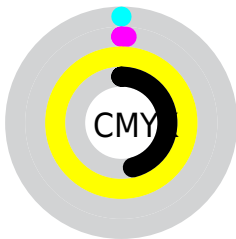
Blue (0%)



Red (1%)

Yellow (54%)

Blue (0%)

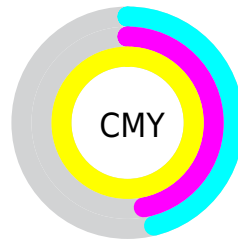


Cyan (0%)

Magenta (1%)

Yellow (100%)

Black (46%)



Cyan (46%)

Magenta (47%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 47.9704, -12.1864, 29.3458 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 47.9704, -12.1864, 29.3458 by changing the saturation by 10% instead.

47.9704, -12.1864,
29.3458

47.9704, -12.1864,
29.3458

163.6429,
-23.5706, 63.2427

38.2137, -10.9035,
24.7079

69.5803, -14.7125,
37.9168

29.2252, -9.5888,
20.3060

81.3478, -15.9661,
41.9106

21.0787, -8.2236,
14.7551

93.7127, -17.2199,
45.7471

13.8723, -6.7714,
9.7106

106.6475,
-18.4766, 49.4489

7.5032, -7.7123,
5.2523

120.1281,
-19.7386, 53.0350

0.0000, NaN, NaN

0.0000, NaN, NaN

134.1331,

-21.0074, 56.5209

0.0000, NaN, NaN

148.6438,
-22.2844, 59.9198

0.0000, NaN, NaN

47.9704, -12.1864,
29.3458

47.9704, -12.1864,
29.3458

47.9715, -12.1882,
29.3464

48.0626, -12.0895,
28.9001

48.1739, -11.8759,
28.1545

48.3164, -11.4865,
26.9507

48.4935, -10.9020,
25.2392

48.7082, -10.1076,
22.9815

■ 48.9627, -9.0920,
20.1483

■ 49.2591, -7.8466,
16.7182

■ 49.5989, -6.3660,
12.6769

■ 49.9834, -4.6469,
8.0165

Harmonies

Analogous

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



47.9715, 13.3644, 29.0020



47.9704, -12.1864, 29.3458



47.9715, -30.8263, 25.7818

Triad

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



47.9715, -12.1881, 29.3461



47.9715, -33.5094, -39.5057



47.9715, 52.6831, -13.9461

Complementary

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



47.9704, -12.1864, 29.3458



13.7060, 36.0433, -94.9360

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.



47.9715, 34.2819, -45.7947



47.9704, -12.1864, 29.3458



47.9715, -16.6488, -65.0437

Square

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



47.9715, -12.1881, 29.3461



47.9715, -41.3249, -7.9463



47.9715, 7.8882, -67.8031



47.9715, 54.5672, 11.2081

Rectangle

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



47.9704, -12.1864, 29.3458



47.9715, -38.2455, 19.6042



47.9715, 7.8882, -67.8031



47.9715, 48.0720, -24.4659

Sweetspot

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



47.9715, -12.1881, 29.3461



65.3723, -10.5343, 22.5160



23.2562, 39.8463, 14.8588



30.8900, -5.2869, 11.4818



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.



47.9715, -12.1881, 29.3461



63.6734, -16.1575, 38.9524



44.1905, -30.0352, 26.7038



24.1511, -2.1687, 3.6679



45.9363, -11.6737, 28.1014



3.7686, -0.9872, 2.3049

Inverse Universe

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



13.7060, 36.0433, -94.9360



18.1398, 48.1013, -126.5100



17.3726, 40.3100, -70.6500



22.1429, -0.2166, -1.3697



13.1303, 34.4841, -90.8530



1.1304, 2.5605, -6.9402

Previews

White Background



This preview shows how the HunterLab color 47.9704, -12.1864, 29.3458 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 47.9704, -12.1864, 29.3458 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

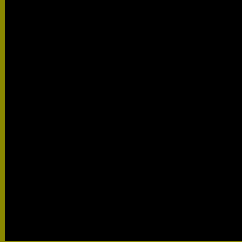
Any Text WCAG AA ✓ Pass

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 47.9704, -12.1864, 29.3458 Background



This preview shows how black text looks on a background with the HunterLab color 47.9704, -12.1864, 29.3458.



This preview shows how white text looks on a background with the HunterLab color 47.9704, -12.1864, 29.3458.

-12.1864, 29.3458.

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

47.9704, -12.1864, 29.3458

Protanopia

47.8457, -6.7061, 29.3649

Deuteranopia

47.8886, 3.4019, 28.7489



Tritanopia

47.8564, 5.5357, 0.7283

Trichromacy



Original Color

47.9704, -12.1864, 29.3458

Protanomaly

47.7439, -8.5364, 29.2701

Deuteranomaly

47.7467, -2.6815, 28.9015

Tritanomaly

47.5212, -3.5134, 17.9710

Monochromacy



Original Color

47.9704, -12.1864, 29.3458

Achromatopsia

43.7266, -2.3331, 2.3758

Achromatomaly

44.6873, -8.0895, 18.0790

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 47.9704, -12.1864, 29.3458 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(138, 136, 0)` looks like.

```
.text, #text, p{  
    color:rgb(138, 136, 0)  
}
```

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(138, 136, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 136, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 47.9704, -12.1864, 29.3458 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(138, 136, 0) }
```


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

```
.border{ border-color:rgb(138, 136, 0) }
```

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

Here you see how a box with a 4 pixel rgb(138, 136, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 136, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 136, 0);  
box-shadow:4px 4px 4px 4px rgb(138, 136,  
0) }
```

Background

The CSS property to change the background color of an element to HunterLab 47.9704, -12.1864, 29.3458 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 136, 0) }
```

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

```
.background{ background-color: rgb(138,  
136, 0) }
```

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