

Converting Colors

HunterLab(47.0121, -36.9925,
28.2848)

Have a look what the booklet for
HunterLab(47.0121, -36.9925,
28.2848) contains.

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Color

**HunterLab(47.0121,
-36.9925, 28.2848)**

Conversions

Conversions Part 1

Format	Color
Hex	2F9501
RGB	47, 149, 1
RGB Percent	18%, 58%, 0%
CMY	0.8157, 0.4157, 0.9960
CMYK	0.68, 0.00, 0.99, 0.42
HSL	101°, 99%, 29%
HSV	101°, 99%, 58%
XYZ	11.9252, 22.1014, 3.6662
YIQ	101.6300, -13.2840, -67.6520

Conversions

Conversions Part 2

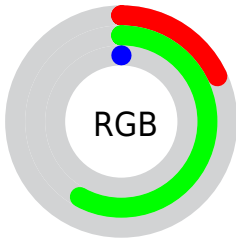
Format	Color
R_{YB}	1, 149, 103
Decimal	3118337
CIE _{Lab}	54.14, -51.99, 56.34
CIE _{LCh}	54, 76.663, 132.704
Yxy	22.1023, 0.3164, 0.5864
Android (android.graphics.Color)	4281308417 (0xFF2F9501)
YUV	101.6300, -49.6106, -47.9105
Hunter-Lab	47.0121, -36.9925, 28.2848

Details

The HunterLab color $[47.0121, -36.9925, 28.2848]$ is a dark color, and the websafe version is hex 339900 . A complement of this color would be $[22.5310, 47.9653, -60.1030]$, and the grayscale version is $[36.4974, -1.9474, 1.9830]$.

A 20% lighter version of the original color is $[68.4592, -44.2577, 36.5333]$, and $[29.2393, -25.0727, 17.5782]$ is the 20% darker color. If you saturate the color by 10%, you get $[46.9932, -37.0816, 28.3078]$, and if you desaturate by 10%, it is $[47.3400, -35.5484, 27.9387]$.

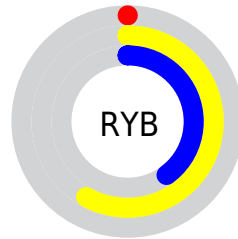
Distribution



Red (18%)

Green (58%)

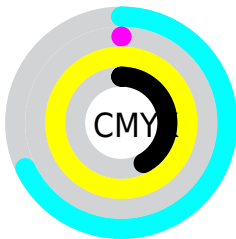
Blue (0%)



Red (0%)

Yellow (58%)

Blue (40%)

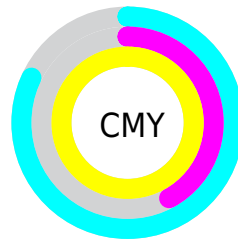


Cyan (68%)

Magenta (0%)

Yellow (99%)

Black (42%)



Cyan (82%)

Magenta (42%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 47.0121, -36.9925, 28.2848 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 47.0121, -36.9925, 28.2848 by changing the saturation by 10% instead.

■ 47.0121, -36.9925,
28.2848

■ 47.0121, -36.9925,
28.2848

162.1974,
-66.2826, 60.7374

■ 37.3257, -32.9685,
23.8338

■ 68.4945, -44.3481,
36.4911

■ 28.4138, -28.6127,
19.5226

■ 80.2037, -47.7728,
40.3118

■ 20.3519, -23.8001,
14.2463

■ 92.5131, -51.0709,
43.9819

■ 13.2412, -20.2319,
9.2689

■ 105.3949,
-54.2644, 47.5240

■ 6.7662, -11.8408,
4.7363

■ 118.8245,
-57.3701, 50.9565

0.0000, NaN, NaN

0.0000, NaN, NaN


■ 132.7806,


-60.4015, 54.2948


0.0000, NaN, NaN


 147.2440,
-63.3694, 57.5516


0.0000, NaN, NaN


 47.0121, -36.9925,
28.2848


 47.0121, -36.9925,
28.2848


 46.9932, -37.0816,
28.3078

 47.3400, -35.5484,
27.9387

 47.7558, -33.6934,
27.2437

 48.2726, -31.3711,
26.0578

 48.8949, -28.5721,
24.3412

 49.6256, -25.2999,
22.0727

■ 50.4660, -21.5680,
19.2464

■ 51.4163, -17.3980,
15.8689

■ 52.4754, -12.8176,
11.9568

■ 53.6417, -7.8584,
7.5342

Harmonies

Analogous

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



47.0131, -15.1251, 31.2235



47.0121, -36.9925, 28.2848



47.0131, -47.5524, 16.6896

Triad

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



47.0131, -36.9932, 28.2850



47.0131, -19.2263, -92.6482



47.0131, 72.5368, 13.5657

Complementary

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



47.0121, -36.9925, 28.2848



22.5310, 47.9653, -60.1030

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.



47.0131, 70.5868, -18.0414



47.0121, -36.9925, 28.2848



47.0131, 11.5914, -95.7588

Square

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



47.0131, -36.9932, 28.2850



47.0131, -39.3099, -55.8359



47.0131, 46.1275, -62.6936



47.0131, 50.9085, 27.2877

Rectangle

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



47.0121, -36.9925, 28.2848



47.0131, -49.0671, -0.2462



47.0131, 46.1275, -62.6936



47.0131, 74.7535, 5.2014

Sweetspot

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



47.0131, -36.9932, 28.2850



68.6336, -24.0325, 21.8587



39.9025, 6.9588, 24.6664



32.0776, -12.3302, 11.1224



86.5109, -4.6160, 4.7003



34.5370, -1.8428, 1.8765

Same Dimension

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



47.0131, -36.9932, 28.2850



62.8190, -49.9086, 37.8350



46.4616, -39.1552, 26.5305



25.5942, -3.7181, 3.5662



43.1278, -33.9485, 25.9808



4.9181, -3.1484, 2.9754

Inverse Universe

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



22.5310, 47.9653, -60.1030



29.8659, 64.1576, -81.5628



27.9531, 52.6837, -20.8180



24.1241, 1.1554, -1.0153



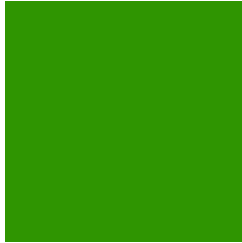
20.6262, 44.1770, -55.3067



2.6023, 5.3155, -4.9768

Previews

White Background



This preview shows how the HunterLab color 47.0121, -36.9925, 28.2848 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 47.0121, -36.9925, 28.2848 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 47.0121, -36.9925, 28.2848 Background



This preview shows how black text looks on a background with the HunterLab color 47.0121, -36.9925, 28.2848.



This preview shows how white text looks on a background with the HunterLab color 47.0121, -36.9925, 28.2848.

-36.9925, 28.2848.

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

47.0121, -36.9925, 28.2848

Protanopia

46.6050, -6.7679, 28.5993

Deuteranopia

46.5883, 3.2237, 27.0249



Tritanopia

46.8140, -14.9154, -7.9584

Trichromacy



Original Color

47.0121, -36.9925, 28.2848

Protanomaly

45.6722, -20.8690, 27.7777

Deuteranomaly

45.3318, -15.8074, 26.7286

Tritanomaly

46.1675, -26.8021, 13.7672

Monochromacy



Original Color

47.0121, -36.9925, 28.2848

Achromatopsia

36.4511, -1.9449, 1.9805

Achromatomaly

39.2035, -18.3818, 16.2718

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 47.0121, -36.9925, 28.2848 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(47, 149, 1)` looks like.

```
.text, #text, p{  
    color:rgb(47, 149, 1)  
}
```

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(47, 149, 1) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 149, 1) }
```

Border

The CSS property to change the border of an element to HunterLab 47.0121, -36.9925, 28.2848 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(47, 149, 1) }
```


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

```
.border{ border-color:rgb(47, 149, 1) }
```

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

Here you see how a box with a 4 pixel rgb(47, 149, 1) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 149, 1); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 149, 1);  
box-shadow:4px 4px 4px 4px rgb(47, 149, 1)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 47.0121, -36.9925, 28.2848 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 149, 1) }
```

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

```
.background{ background-color: rgb(47, 149,  
1) }
```

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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