

Converting Colors

HunterLab(46.8733, -31.9089,
30.1243)

Have a look what the booklet for
HunterLab(46.8733, -31.9089,
30.1243) contains.

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Color

**HunterLab(47.1381,
-31.3581, 28.4973)**

Conversions

Conversions Part 1

Format	Color
Hex	4F9200
RGB	79, 146, 0
RGB Percent	31%, 57%, 0%
CMY	0.6902, 0.4274, 1.0000
CMYK	0.46, 0.00, 1.00, 0.43
HSL	88°, 100%, 29%
HSV	88°, 100%, 57%
XYZ	13.5033, 22.2200, 3.5772
YIQ	109.3230, 6.9340, -59.6100

Conversions

Conversions Part 2

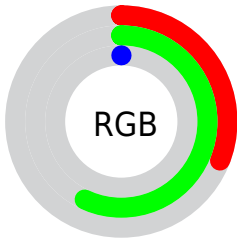
Format	Color
RYB	0, 146, 67
Decimal	5214720
CIELab	54.26, -41.95, 57.08
CIELCh	54, 70.836, 126.311
Yxy	22.2210, 0.3436, 0.5654
Android (android.graphics.Color)	4283404800 (0xFF4F9200)
YUV	109.3230, -53.8962, -26.5933
Hunter-Lab	47.1381, -31.3581, 28.4973

Details

The HunterLab color **47.1381, -31.3581, 28.4973** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **18.0817, 42.4396, -77.2888**, and the grayscale version is **39.4275, -2.1038, 2.1422**.

A 20% lighter version of the original color is **68.8141, -37.5418, 36.8947**, and **28.8159, -23.6468, 17.3423** is the 20% darker color. If you saturate the color by 10%, you get **47.1389, -31.3602, 28.4977**, and if you desaturate by 10%, it is **47.4935, -29.8455, 28.1965**.

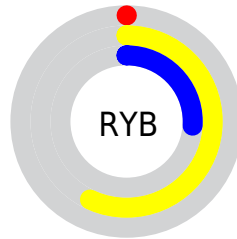
Distribution



Red (31%)

Green (57%)

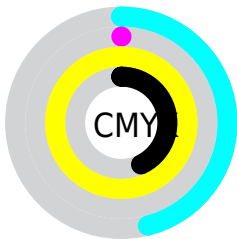
Blue (0%)



Red (0%)

Yellow (57%)

Blue (26%)

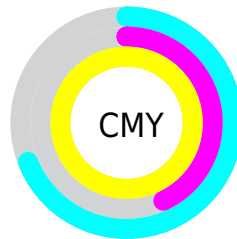


Cyan (46%)

Magenta (0%)

Yellow (100%)

Black (43%)



Cyan (69%)

Magenta (43%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 47.1381, -31.3581, 28.4973 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 47.1381, -31.3581, 28.4973 by changing the saturation by 10% instead.

■ 47.1381, -31.3581,
28.4973

■ 47.1381, -31.3581,
28.4973

162.3878,
-55.8764, 61.3110

■ 37.4424, -28.0733,
23.9981

■ 68.6374, -37.4165,
36.7964

■ 28.5204, -24.5391,
19.6751

■ 80.3543, -40.2606,
40.6606

■ 20.4472, -20.6572,
14.3131

■ 92.6710, -43.0134,
44.3723

■ 13.3239, -16.9323,
9.3267

■ 105.5598,
-45.6915, 47.9542

■ 6.8679, -12.0189,
4.8075

■ 118.9962,
-48.3077, 51.4248

0.0000, NaN, NaN

0.0000, NaN, NaN


■ 132.9587,


-50.8721, 54.7996


0.0000, NaN, NaN


 147.4284,
-53.3928, 58.0914


0.0000, NaN, NaN


 47.1381, -31.3581,
28.4973


 47.1381, -31.3581,
28.4973


 47.1389, -31.3602,
28.4977

 47.4935, -29.8455,
28.1965

 47.9004, -28.0866,
27.5684

 48.3710, -26.0219,
26.4523

 48.9086, -23.6404,
24.8037

 49.5155, -20.9385,
22.5943

■ 50.1930, -17.9188,
19.8081

■ 50.9418, -14.5884,
16.4397

■ 51.7622, -10.9584,
12.4923

■ 52.6537, -7.0426,
7.9765

Harmonies

Analogous

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



47.1391, -8.5293, 30.7621



47.1381, -31.3581, 28.4973



47.1391, -43.6865, 19.3699

Triad

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



47.1391, -31.3591, 28.4975



47.1391, -23.0123, -77.1697



47.1391, 67.2333, 8.0650

Complementary

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



47.1381, -31.3581, 28.4973



18.0817, 42.4396, -77.2888

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.



47.1391, 60.6655, -24.3160



47.1381, -31.3581, 28.4973



47.1391, 3.8110, -87.3084

Square

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



47.1391, -31.3591, 28.4975



47.1391, -39.7513, -41.2562



47.1391, 35.5292, -63.9055



47.1391, 51.7623, 24.4954

Rectangle

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



47.1381, -31.3581, 28.4973



47.1391, -46.4654, 5.8732



47.1391, 35.5292, -63.9055



47.1391, 67.5735, -0.9998

Sweetspot

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



47.1391, -31.3591, 28.4975



67.5955, -19.6595, 22.1320



31.5811, 22.6523, 19.8561



31.7020, -10.0718, 11.2632



85.4018, -4.5568, 4.6400



33.5864, -1.7921, 1.8248

Same Dimension

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



47.1391, -31.3591, 28.4975



62.5273, -41.9837, 37.7940



45.3937, -38.6578, 27.2942



25.7171, -3.2806, 3.7076



44.2344, -29.3563, 26.7431



5.0699, -2.5422, 3.0795

Inverse Universe

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



18.0817, 42.4396, -77.2888



23.8083, 56.1495, -103.8151



27.4575, 54.5779, -40.8493



23.9907, 0.7037, -1.1939



16.9988, 39.8543, -72.2965



2.2926, 4.9012, -6.0763

Previews

White Background



This preview shows how the HunterLab color 47.1381, -31.3581, 28.4973 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 47.1381, -31.3581, 28.4973 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

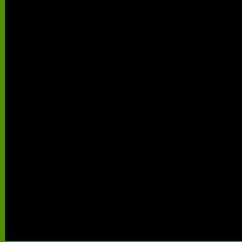
Any Text WCAG AA ✓ Pass

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 47.1381, -31.3581, 28.4973 Background



This preview shows how black text looks on a background with the HunterLab color 47.1381, -31.3581, 28.4973.



This preview shows how white text looks on a background with the HunterLab color 47.1381, -31.3581, 28.4973.

-31.3581, 28.4973.

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

47.1381, -31.3581, 28.4973

Protanopia

46.9854, -6.8637, 28.8320

Deuteranopia

46.9480, 3.0417, 27.5144



Tritanopia

47.1766, -10.6681, -5.8083

Trichromacy



Original Color

47.1381, -31.3581, 28.4973

Protanomaly

46.6325, -17.1842, 28.4339

Deuteranomaly

46.0237, -11.7333, 27.4170

Tritanomaly

46.6240, -21.8103, 14.8812

Monochromacy



Original Color

47.1381, -31.3581, 28.4973

Achromatopsia

39.1058, -2.0866, 2.1247

Achromatomaly

41.1648, -15.3608, 16.9874

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 47.1381, -31.3581, 28.4973 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(79, 146, 0)` looks like.

```
.text, #text, p{  
    color:rgb(79, 146, 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(79, 146, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 146, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 47.1381, -31.3581, 28.4973 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(79, 146, 0) }
```


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

```
.border{ border-color:rgb(79, 146, 0) }
```

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

Here you see how a box with a 4 pixel rgb(79, 146, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 146, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 146, 0);  
box-shadow:4px 4px 4px 4px rgb(79, 146, 0)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 47.1381, -31.3581, 28.4973 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 146, 0) }
```

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

```
.background{ background-color: rgb(79, 146,  
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](#).

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