

Converting Colors

HunterLab(49.6861, -29.7537,
20.7212)

Have a look what the booklet for
HunterLab(49.6861, -29.7537,
20.7212) contains.

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Color

**HunterLab(49.7120,
-29.7681, 20.8267)**

Conversions

Conversions Part 1

Format	Color
Hex	4F9851
RGB	79, 152, 81
RGB Percent	31%, 60%, 32%
CMY	0.6902, 0.4039, 0.6823
CMYK	0.48, 0.00, 0.47, 0.40
HSL	122°, 32%, 45%
HSV	122°, 48%, 60%
XYZ	15.9379, 24.7128, 11.7146
YIQ	122.0790, -20.7170, -37.5570

Conversions

Conversions Part 2

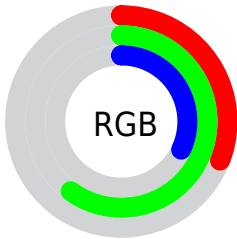
Format	Color
R_{YB}	79, 150, 152
Decimal	5216337
CIE _{Lab}	56.80, -38.05, 30.38
CIE _{LCh}	57, 48.694, 141.391
Yxy	24.7139, 0.3044, 0.4719
Android (android.graphics.Color)	4283406417 (0xFF4F9851)
YUV	122.0790, -20.2519, -37.7803
Hunter-Lab	49.7120, -29.7681, 20.8267

Details

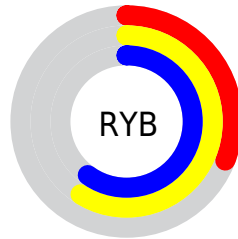
The HunterLab color $49.7120, -29.7681, 20.8267$ is a dark color, and the websafe version is hex 339966 . A complement of this color would be $38.0392, 33.1507, -20.9548$, and the grayscale version is $44.2292, -2.3600, 2.4031$.

A 20% lighter version of the original color is $71.5897, -35.3150, 25.7115$, and $30.6419, -23.5927, 15.5401$ is the 20% darker color. If you saturate the color by 10%, you get $48.9251, -33.3737, 23.2760$, and if you desaturate by 10%, it is $50.6837, -25.4198, 17.9011$.

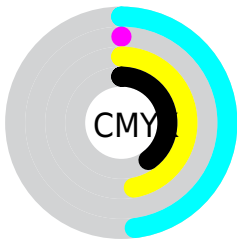
Distribution



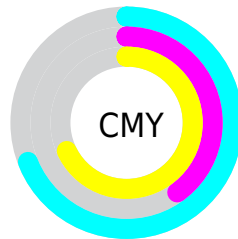
- Red (31%)
- Green (60%)
- Blue (32%)



- Red (31%)
- Yellow (59%)
- Blue (60%)



- Cyan (48%)
- Magenta (0%)
- Yellow (47%)
- Black (40%)



- Cyan (69%)
- Magenta (40%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.7120, -29.7681, 20.8267 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 49.7120, -29.7681, 20.8267 by changing the saturation by 10% instead.

■ 49.7120, -29.7681,
20.8267

■ 49.7120, -29.7681,
20.8267

166.2558,
-52.3232, 40.2690

■ 39.8296, -26.8076,
18.3093

■ 71.5490, -35.2742,
25.5295

■ 30.7050, -23.6456,
15.6326

■ 83.4208, -37.8768,
27.7617

■ 22.4084, -20.2043,
12.7420

■ 95.8851, -40.4053,
29.9362

■ 15.0327, -16.3520,
10.5229

■ 108.9148,
-42.8734, 32.0645

■ 8.6736, -15.1788,
6.0715

■ 122.4865,
-45.2916, 34.1556

0.0000, NaN, NaN

0.0000, NaN, NaN

136.5794,

-47.6683, 36.2164

0.0000, NaN, NaN

151.1747,
-50.0103, 38.2526

0.0000, NaN, NaN

■ 49.7120, -29.7681,
20.8267

■ 49.7120, -29.7681,
20.8267

■ 48.9251, -33.3737,
23.2760

■ 50.6837, -25.4198,
17.9011

■ 48.3150, -36.2149,
25.2321

■ 51.8386, -20.3678,
14.5274

■ 47.8736, -38.3004,
26.6967

■ 53.1763, -14.6703,
10.7455

■ 47.5872, -39.6703,
27.6911

■ 54.6929, -8.3955,
6.6011

■ 47.4261, -40.4461,
28.2613

■ 56.3827, -1.6159,
2.1422

■ 47.3989, -40.5758,
28.3470

■ 58.2384, 5.5955,
-2.5831

■ 60.2520, 13.1693,
-7.5296

■ 62.4148, 21.0417,
-12.6561

■ 64.7180, 29.1562,
-17.9263

Harmonies

Analogous

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



49.7130, -16.1820, 26.4351



49.7120, -29.7681, 20.8267



49.7130, -35.8273, 7.9788

Triad

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



49.7130, -29.7689, 20.8271



49.7130, -8.3973, -50.2057



49.7130, 39.4442, 14.4933

Complementary

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



49.7120, -29.7681, 20.8267



38.0392, 33.1507, -20.9548

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.



49.7130, 42.4313, -3.2161



49.7120, -29.7681, 20.8267



49.7130, 12.4929, -46.1514

Square

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



49.7130, -29.7689, 20.8271



49.7130, -24.8615, -36.2267



49.7130, 31.9005, -26.7007



49.7130, 24.2966, 23.9401

Rectangle

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



49.7120, -29.7681, 20.8267



49.7130, -35.5896, -5.2515



49.7130, 31.9005, -26.7007



49.7130, 41.9913, 9.5329

Sweetspot

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



49.7130, -29.7689, 20.8271



71.3760, -16.4449, 12.2615



54.3883, -11.9396, 25.2409



33.8410, -8.6201, 6.3614



87.6224, -4.6753, 4.7607



35.4919, -1.8938, 1.9283

Same Dimension

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



49.7130, -29.7689, 20.8271



64.8984, -44.8038, 31.2415



50.3959, -25.6860, 10.9062



26.3215, -4.4329, 3.4374



43.4025, -37.1483, 25.9432



5.3129, -4.5043, 3.0829

Inverse Universe

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



38.0392, 33.1507, -20.9548



46.6352, 54.4963, -34.6215



36.7276, 27.0920, -2.7312



25.1410, 1.8255, -0.7261



27.1777, 53.1255, -33.4669



3.3349, 6.5367, -4.2454

Previews

White Background



This preview shows how the HunterLab color 49.7120, -29.7681, 20.8267 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 49.7120, -29.7681, 20.8267 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

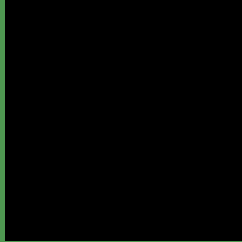
Any Text WCAG AA ✓ Pass

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 49.7120, -29.7681, 20.8267 Background



This preview shows how black text looks on a background with the HunterLab color 49.7120, -29.7681, 20.8267.



This preview shows how white text looks on a background with the HunterLab color 49.7120, -29.7681, 20.8267.

-29.7681, 20.8267.

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

49.7120, -29.7681, 20.8267

Protanopia

49.5034, -5.6135, 22.4329

Deuteranopia

49.1517, 3.4464, 19.7273



Tritanopia

49.7453, -13.1036, -6.5369

Trichromacy



Original Color

49.7120, -29.7681, 20.8267

Protanomaly

49.1599, -15.8614, 21.5464

Deuteranomaly

48.4117, -10.7509, 19.3707

Tritanomaly

49.5478, -20.2415, 5.7392

Monochromacy



Original Color

49.7120, -29.7681, 20.8267

Achromatopsia

44.1155, -2.3539, 2.3969

Achromatomaly

45.7174, -13.6878, 9.8917

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.7120, -29.7681, 20.8267 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, 152, 81)` looks like.

```
.text, #text, p{  
    color:rgb(79, 152, 81)  
}
```

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, 152, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 152, 81) }
```

Border

The CSS property to change the border of an element to HunterLab 49.7120, -29.7681, 20.8267 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, 152, 81) }
```


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

```
.border{ border-color:rgb(79, 152, 81) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 152, 81)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 152, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 152, 81);  
box-shadow:4px 4px 4px 4px rgb(79, 152,  
81) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.7120, -29.7681, 20.8267 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 152, 81) }
```

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

```
.background{ background-color: rgb(79, 152,  
81) }
```

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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