

Converting Colors

HunterLab(49.7465, -30.2924,
20.5829)

Have a look what the booklet for
HunterLab(49.7465, -30.2924,
20.5829) contains.

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Color

**HunterLab(49.6006,
-30.1865, 20.4931)**

Conversions

Conversions Part 1

Format	Color
Hex	4C9852
RGB	76, 152, 82
RGB Percent	30%, 60%, 32%
CMY	0.7020, 0.4039, 0.6784
CMYK	0.50, 0.00, 0.46, 0.40
HSL	125°, 33%, 45%
HSV	125°, 50%, 60%
XYZ	15.7317, 24.6022, 11.9022
YIQ	121.2960, -22.8260, -37.8820

Conversions

Conversions Part 2

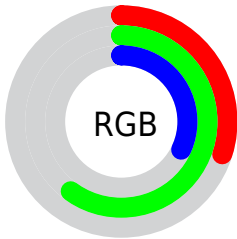
Format	Color
R_{YB}	76, 146, 152
Decimal	5019730
CIE _{Lab}	56.69, -38.78, 29.69
CIE _{LCh}	57, 48.839, 142.557
Yxy	24.6032, 0.3012, 0.4710
Android (android.graphics.Color)	4283209810 (0xFF4C9852)
YUV	121.2960, -19.3729, -39.7246
Hunter-Lab	49.6006, -30.1865, 20.4931

Details

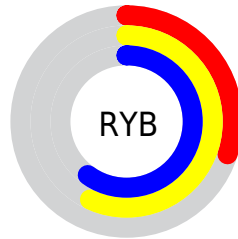
The HunterLab color $49.6006, -30.1865, 20.4931$ is a dark color, and the websafe version is hex 339966 . A complement of this color would be $37.3096, 33.8502, -19.6336$, and the grayscale version is $43.9219, -2.3436, 2.3864$.

A 20% lighter version of the original color is $71.4597, -35.7483, 24.9961$, and $30.5710, -23.8715, 15.3359$ is the 20% darker color. If you saturate the color by 10%, you get $48.8473, -33.6496, 22.8720$, and if you desaturate by 10%, it is $50.5336, -26.0024, 17.6988$.

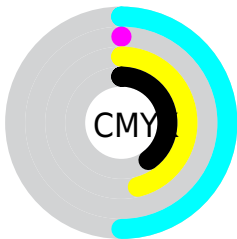
Distribution



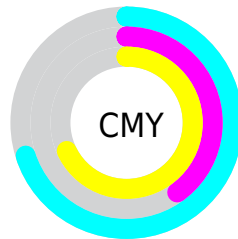
- Red (30%)
- Green (60%)
- Blue (32%)



- Red (30%)
- Yellow (57%)
- Blue (60%)



- Cyan (50%)
- Magenta (0%)
- Yellow (46%)
- Black (40%)



- Cyan (70%)
- Magenta (40%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.6006, -30.1865, 20.4931 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 49.6006, -30.1865, 20.4931 by changing the saturation by 10% instead.

■ 49.6006, -30.1865,
20.4931

■ 49.6006, -30.1865,
20.4931

166.0892,
-53.0790, 39.6139

■ 39.7262, -27.1736,
18.0240

■ 71.4232, -35.7844,
25.1095

■ 30.6101, -23.9531,
15.4000

■ 83.2884, -38.4279,
27.3026

■ 22.3230, -20.4452,
12.5666

■ 95.7464, -40.9950,
29.4404

■ 14.9579, -16.5192,
10.4705

■ 108.7701,
-43.4995, 31.5338

■ 8.6039, -15.0568,
6.0227

■ 122.3360,
-45.9523, 33.5917

0.0000, NaN, NaN

0.0000, NaN, NaN

136.4233,

-48.3621, 35.6208

0.0000, NaN, NaN

151.0133,
-50.7357, 37.6267

0.0000, NaN, NaN

■ 49.6006, -30.1865,
20.4931

■ 49.6006, -30.1865,
20.4931

■ 48.8473, -33.6496,
22.8720

■ 50.5336, -26.0024,
17.6988

■ 48.2653, -36.3737,
24.8166

■ 51.6451, -21.1322,
14.5172

■ 47.8464, -38.3699,
26.3231

■ 52.9352, -15.6300,
10.9859

■ 47.5766, -39.6795,
27.4038

■ 54.4005, -9.5596,
7.1471

■ 47.4173, -40.4604,
28.0750

■ 56.0358, -2.9903,
3.0448

■ 57.8345, 4.0081,
-1.2780

■ 59.7888, 11.3681,
-5.7804

■ 61.8907, 19.0276,
-10.4258

■ 64.1314, 26.9312,
-15.1820

Harmonies

Analogous

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



49.6016, -16.8610, 26.3227



49.6006, -30.1865, 20.4931



49.6016, -35.9508, 7.3086

Triad

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



49.6016, -30.1873, 20.4935



49.6016, -7.6448, -50.6130



49.6016, 39.1769, 15.0209

Complementary

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



49.6006, -30.1865, 20.4931



37.3096, 33.8502, -19.6336

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.



49.6016, 42.7156, -2.3983



49.6006, -30.1865, 20.4931



49.6016, 13.3679, -45.8073

Square

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



49.6016, -30.1873, 20.4935



49.6016, -24.3794, -37.1682



49.6016, 32.6229, -25.8786



49.6016, 23.6159, 24.1749

Rectangle

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



49.6006, -30.1865, 20.4931



49.6016, -35.5137, -6.1484



49.6016, 32.6229, -25.8786



49.6016, 41.9044, 10.1690

Sweetspot

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



49.6016, -30.1873, 20.4935



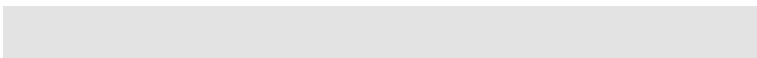
71.2146, -17.0561, 12.2412



54.0152, -13.3834, 25.5443



33.7740, -8.8690, 6.3032



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.



49.6016, -30.1873, 20.4935



64.7939, -45.1777, 30.7178



50.3265, -25.8485, 9.9717



26.3308, -4.3807, 3.3034



43.4208, -37.0332, 25.6719



5.3264, -4.4195, 2.8829

Inverse Universe

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



37.3096, 33.8502, -19.6336



45.7148, 55.0751, -31.8756



35.9825, 27.7665, -1.1510



25.1301, 1.7670, -0.5711



26.8083, 51.8395, -28.6417



3.3106, 6.4524, -3.9299

Previews

White Background



This preview shows how the HunterLab color 49.6006, -30.1865, 20.4931 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 49.6006, -30.1865, 20.4931 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 49.6006, -30.1865, 20.4931 Background



This preview shows how black text looks on a background with the HunterLab color 49.6006, -30.1865, 20.4931.



This preview shows how white text looks on a background with the HunterLab color 49.6006,

-30.1865, 20.4931.

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

49.6006, -30.1865, 20.4931

Protanopia

49.2334, -5.0799, 22.0144

Deuteranopia

49.1850, 3.6244, 19.2417



Tritanopia

49.5867, -13.6898, -6.7632

Trichromacy



Original Color

49.6006, -30.1865, 20.4931

Protanomaly

48.7210, -15.9221, 20.9716

Deuteranomaly

48.3617, -10.8678, 18.8164

Tritanomaly

49.4008, -20.8058, 5.5661

Monochromacy



Original Color

49.6006, -30.1865, 20.4931

Achromatopsia

43.7266, -2.3331, 2.3758

Achromatomaly

45.3512, -13.5130, 9.5235

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.6006, -30.1865, 20.4931 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(76, 152, 82)` looks like.

```
.text, #text, p{  
    color:rgb(76, 152, 82)  
}
```

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(76, 152, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 152, 82) }
```

Border

The CSS property to change the border of an element to HunterLab 49.6006, -30.1865, 20.4931 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(76, 152, 82) }
```


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

```
.border{ border-color:rgb(76, 152, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 152, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 152, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 152, 82);  
box-shadow:4px 4px 4px 4px rgb(76, 152,  
82) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.6006, -30.1865, 20.4931 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 152, 82) }
```

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

```
.background{ background-color: rgb(76, 152,  
82) }
```

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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