

Converting Colors

HunterLab(49.9563, -23.8413,
30.7242)

Have a look what the booklet for
HunterLab(49.9563, -23.8413,
30.7242) contains.

HunterLab(49.8927, -23.6569, 30.3295)	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(49.8927,
-23.6569, 30.3295)**

Conversions

Conversions Part 1

Format	Color
Hex	749400
RGB	116, 148, 0
RGB Percent	45%, 58%, 0%
CMY	0.5451, 0.4196, 1.0000
CMYK	0.22, 0.00, 1.00, 0.42
HSL	73°, 100%, 29%
HSV	73°, 100%, 58%
XYZ	17.7924, 24.8928, 3.8670
YIQ	121.5600, 28.4360, -52.8120

Conversions

Conversions Part 2

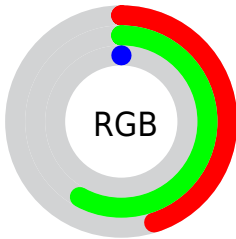
Format	Color
RYB	0, 148, 32
Decimal	7640064
CIELab	56.97, -28.51, 60.07
CIELCh	57, 66.491, 115.388
Yxy	24.8939, 0.3822, 0.5347
Android (android.graphics.Color)	4285830144 (0xFF749400)
YUV	121.5600, -59.9291, -4.8761
Hunter-Lab	49.8927, -23.6569, 30.3295

Details

The HunterLab color $49.8927, -23.6569, 30.3295$ is a dark color, and the websafe version is hex 669900 . A complement of this color would be $15.6391, 40.4502, -95.8770$, and the grayscale version is $44.1635, -2.3565, 2.3995$.

A 20% lighter version of the original color is $71.7314, -27.8849, 38.9230$, and $30.9411, -18.0253, 18.7502$ is the 20% darker color. If you saturate the color by 10%, you get $49.8936, -23.6591, 30.3300$, and if you desaturate by 10%, it is $50.1508, -22.5915, 29.9811$.

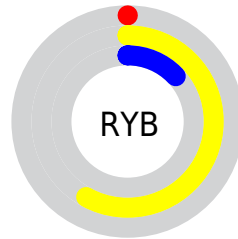
Distribution



Red (45%)

Green (58%)

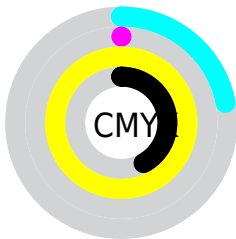
Blue (0%)



Red (0%)

Yellow (58%)

Blue (13%)

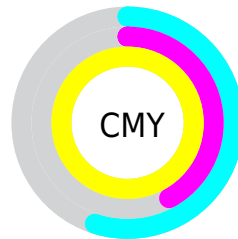


Cyan (22%)

Magenta (0%)

Yellow (100%)

Black (42%)



Cyan (55%)

Magenta (42%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.8927, -23.6569, 30.3295 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 49.8927, -23.6569, 30.3295 by changing the saturation by 10% instead.

■ 49.8927, -23.6569,
30.3295

■ 49.8927, -23.6569,
30.3295

166.5261,
-41.9140, 64.3223

■ 39.9976, -21.3506,
25.6963

■ 71.7531, -28.0079,
38.9042

■ 30.8590, -18.9119,
21.1077

■ 83.6356, -30.0899,
42.9056

■ 22.5471, -16.2878,
15.7830

■ 96.1101, -32.1277,
46.7523

■ 15.1541, -13.3850,
10.6079

■ 109.1496,
-34.1304, 50.4666

■ 8.7854, -14.6088,
6.1498

■ 122.7306,
-36.1054, 54.0666

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 136.8325,

-38.0581, 57.5677

0.0000, NaN, NaN

151.4365,
-39.9930, 60.9826

0.0000, NaN, NaN

49.8927, -23.6569,
30.3295

49.8927, -23.6569,
30.3295

49.8936, -23.6591,
30.3300

50.1508, -22.5915,
29.9811

50.4377, -21.3685,
29.2918

50.7654, -19.9281,
28.1018

51.1376, -18.2528,
26.3603

51.5571, -16.3310,
24.0303

■ 52.0258, -14.1558,
21.0861

■ 52.5456, -11.7239,
17.5111

■ 53.1175, -9.0352,
13.2969

■ 53.7424, -6.0925,
8.4422

Harmonies

Analogous

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



49.8938, 1.7256, 31.5123



49.8927, -23.6569, 30.3295



49.8938, -39.6061, 23.8867

Triad

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



49.8938, -23.6583, 30.3298



49.8938, -29.6431, -60.2449



49.8938, 62.9117, -1.5674

Complementary

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



49.8927, -23.6569, 30.3295



15.6391, 40.4502, -95.8770

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.



49.8938, 49.6501, -35.8705



49.8927, -23.6569, 30.3295



49.8938, -6.9086, -79.7088

Square

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



49.8938, -23.6583, 30.3298



49.8938, -42.4912, -24.5148



49.8938, 22.5007, -68.9531



49.8938, 55.6861, 20.0244

Rectangle

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



49.8927, -23.6569, 30.3295



49.8938, -44.7103, 13.9576



49.8938, 22.5007, -68.9531



49.8938, 60.6329, -11.9611

Sweetspot

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



49.8938, -23.6583, 30.3298



69.7520, -15.7785, 23.5721



26.8425, 37.2661, 17.1919



33.1970, -8.1452, 12.1695



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.



49.8938, -23.6583, 30.3298



66.2151, -31.6529, 40.2473



46.6107, -36.9657, 28.0737



25.8497, -2.8108, 3.8595



46.1240, -21.8143, 28.0395



5.2250, -1.9431, 3.1856

Inverse Universe

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



15.6391, 40.4502, -95.8770



20.6190, 53.6069, -128.5054



22.4900, 48.0192, -59.1656



23.8534, 0.2361, -1.3787



14.4879, 37.4163, -88.3524



1.9128, 4.4443, -7.8226

Previews

White Background



This preview shows how the HunterLab color 49.8927, -23.6569, 30.3295 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 49.8927, -23.6569, 30.3295 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

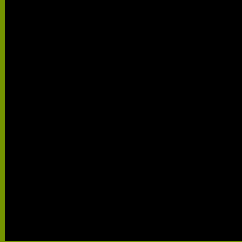
Any Text WCAG AA ✓ Pass

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 49.8927, -23.6569, 30.3295 Background



This preview shows how black text looks on a background with the HunterLab color 49.8927, -23.6569, 30.3295.



This preview shows how white text looks on a background with the HunterLab color 49.8927,

-23.6569, 30.3295.

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

49.8927, -23.6569, 30.3295

Protanopia

49.7608, -7.1878, 30.5365

Deuteranopia

49.5483, 3.5752, 29.3532



Tritanopia

49.9822, -3.5903, -2.4984

Trichromacy



Original Color

49.8927, -23.6569, 30.3295

Protanomaly

49.6238, -13.6770, 30.3385

Deuteranomaly

49.3196, -7.2132, 29.6267

Tritanomaly

49.4361, -14.2785, 17.5118

Monochromacy



Original Color

49.8927, -23.6569, 30.3295

Achromatopsia

44.1155, -2.3539, 2.3969

Achromatomaly

45.5804, -12.2622, 18.4961

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.8927, -23.6569, 30.3295 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(116, 148, 0)` looks like.

```
.text, #text, p{  
    color:rgb(116, 148, 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(116, 148, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 148, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 49.8927, -23.6569, 30.3295 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(116, 148, 0) }
```


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

```
.border{ border-color:rgb(116, 148, 0) }
```

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

Here you see how a box with a 4 pixel rgb(116, 148, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 148, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 148, 0);  
box-shadow:4px 4px 4px 4px rgb(116, 148,  
0) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.8927, -23.6569, 30.3295 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 148, 0) }
```

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

```
.background{ background-color: rgb(116,  
148, 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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