

Converting Colors

HunterLab(49.0302, -24.1053,
26.3078)

Have a look what the booklet for
HunterLab(49.0302, -24.1053,
26.3078) contains.

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Color

**HunterLab(48.8931,
-23.8761, 26.1861)**

Conversions

Conversions Part 1

Format	Color
Hex	6B9231
RGB	107, 146, 49
RGB Percent	42%, 57%, 19%
CMY	0.5804, 0.4274, 0.8078
CMYK	0.27, 0.00, 0.66, 0.43
HSL	84°, 50%, 38%
HSV	84°, 66%, 57%
XYZ	16.8967, 23.9054, 6.6294
YIQ	123.2810, 7.8930, -38.4350

Conversions

Conversions Part 2

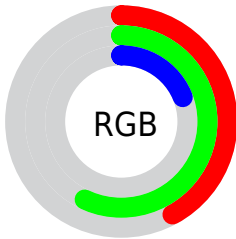
Format	Color
R_{YB}	49, 146, 88
Decimal	7049777
CIE _{Lab}	55.99, -29.17, 45.44
CIE _{LCh}	56, 54.004, 122.699
Yxy	23.9064, 0.3562, 0.5040
Android (android.graphics.Color)	4285239857 (0xFF6B9231)
YUV	123.2810, -36.6205, -14.2784
Hunter-Lab	48.8931, -23.8761, 26.1861

Details

The HunterLab color $48.8931, -23.8761, 26.1861$ is a dark color, and the websafe version is hex 669933 . A complement of this color would be $25.1939, 28.9726, -47.9690$, and the grayscale version is $44.7516, -2.3878, 2.4314$.

A 20% lighter version of the original color is $70.5732, -28.2690, 32.8630$, and $29.9944, -18.7608, 18.1540$ is the 20% darker color. If you saturate the color by 10%, you get $48.4261, -25.9338, 27.4955$, and if you desaturate by 10%, it is $49.4233, -21.5279, 24.3295$.

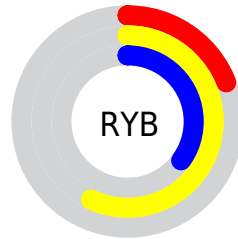
Distribution



Red (42%)

Green (57%)

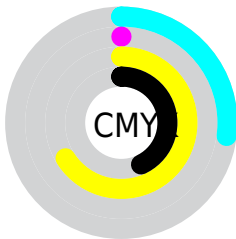
Blue (19%)



Red (19%)

Yellow (57%)

Blue (35%)

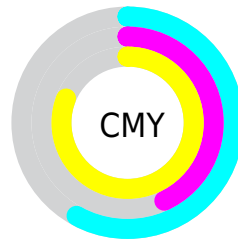


Cyan (27%)

Magenta (0%)

Yellow (66%)

Black (43%)



Cyan (58%)

Magenta (43%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 48.8931, -23.8761, 26.1861 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 48.8931, -23.8761, 26.1861 by changing the saturation by 10% instead.

■ 48.8931, -23.8761,
26.1861

■ 48.8931, -23.8761,
26.1861

165.0294,
-42.4640, 52.9846

■ 39.0694, -21.5135,
22.5580

■ 70.6240, -28.3213,
32.8776

■ 30.0084, -19.0096,
18.6838

■ 82.4470, -30.4442,
36.0070

■ 21.7818, -16.3069,
15.2472

■ 94.8648, -32.5197,
39.0256

■ 14.4849, -13.3036,
10.1394

■ 107.8501,
-34.5578, 41.9515

■ 8.1460, -14.2555,
5.7022

■ 121.3792,
-36.5659, 44.7995

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 135.4309,

-38.5499, 47.5815

0.0000, NaN, NaN

149.9866,
-40.5146, 50.3072

0.0000, NaN, NaN

■ 48.8931, -23.8761,
26.1861

■ 48.8931, -23.8761,
26.1861

■ 48.4261, -25.9338,
27.4955

■ 49.4233, -21.5279,
24.3295

■ 48.0160, -27.7073,
28.2963

■ 50.0155, -18.8823,
21.8990

■ 47.6585, -29.2250,
28.6695

■ 50.6720, -15.9421,
18.8807

■ 47.5388, -29.7331,
28.7726

■ 51.3936, -12.7131,
15.2698

■ 52.1804, -9.2043,
11.0694

■ 53.0324, -5.4275,
6.2895

■ 53.9487, -1.3962,
0.9454

■ 54.9286, 2.8744,
-4.9430

■ 55.9709, 7.3684,
-11.3527

Harmonies

Analogous

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



48.8942, -4.6345, 28.5203



48.8931, -23.8761, 26.1861



48.8942, -35.4512, 18.0374

Triad

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



48.8942, -23.8773, 26.1864



48.8942, -20.9319, -49.9247



48.8942, 48.6045, 4.5622

Complementary

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



48.8931, -23.8761, 26.1861



25.1939, 28.9726, -47.9690

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.



48.8942, 42.1308, -20.2557



48.8931, -23.8761, 26.1861



48.8942, -0.5551, -58.9655

Square

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



48.8942, -23.8773, 26.1864



48.8942, -33.9794, -25.2359



48.8942, 23.0535, -46.2490



48.8942, 39.4308, 20.0966

Rectangle

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



48.8931, -23.8761, 26.1861



48.8942, -38.5802, 7.6125



48.8942, 23.0535, -46.2490



48.8942, 48.1874, -2.8685

Sweetspot

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



48.8942, -23.8773, 26.1864



68.8793, -14.1173, 17.0085



36.4421, 14.0227, 17.9729



32.3645, -7.2064, 8.6772



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.



48.8942, -23.8773, 26.1864



64.0263, -35.7106, 37.1498



46.5847, -33.1671, 24.4260



25.7478, -3.1714, 3.7429



44.6091, -27.8318, 27.0007



5.1066, -2.3984, 3.1047

Inverse Universe

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



25.1939, 28.9726, -47.9690



27.6622, 47.8819, -84.9407



30.8739, 41.3072, -32.4786



23.9582, 0.5933, -1.2375



16.2757, 39.0933, -76.4641



2.2095, 4.7955, -6.4144

Previews

White Background



This preview shows how the HunterLab color 48.8931, -23.8761, 26.1861 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 48.8931, -23.8761, 26.1861 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

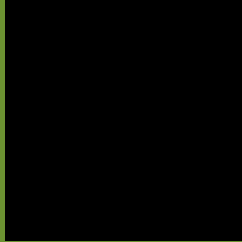
Any Text WCAG AA ✓ Pass

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 48.8931, -23.8761, 26.1861 Background



This preview shows how black text looks on a background with the HunterLab color 48.8931, -23.8761, 26.1861.



This preview shows how white text looks on a background with the HunterLab color 48.8931, -23.8761, 26.1861.

-23.8761, 26.1861.

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

48.8931, -23.8761, 26.1861

Protanopia

48.7150, -6.1201, 26.7649

Deuteranopia

48.5403, 3.3290, 25.5537



Tritanopia

48.9079, -5.9525, -3.4308

Trichromacy



Original Color

48.8931, -23.8761, 26.1861

Protanomaly

48.4257, -13.1136, 26.3175

Deuteranomaly

48.2980, -7.4834, 25.4953

Tritanomaly

48.5270, -13.8652, 11.2849

Monochromacy



Original Color

48.8931, -23.8761, 26.1861

Achromatopsia

44.5050, -2.3747, 2.4180

Achromatomaly

45.6717, -11.2806, 13.5791

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 48.8931, -23.8761, 26.1861 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(107, 146, 49)` looks like.

```
.text, #text, p{  
    color:rgb(107, 146, 49)  
}
```

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(107, 146, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 146, 49) }
```

Border

The CSS property to change the border of an element to HunterLab 48.8931, -23.8761, 26.1861 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(107, 146, 49) }
```


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

```
.border{ border-color:rgb(107, 146, 49) }
```

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

Here you see how a box with a 4 pixel rgb(107, 146, 49) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 146, 49); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 146, 49);  
box-shadow:4px 4px 4px 4px rgb(107, 146,  
49) }
```

Background

The CSS property to change the background color of an element to HunterLab 48.8931, -23.8761, 26.1861 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 146, 49) }
```

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

```
.background{ background-color: rgb(107,  
146, 49) }
```

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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