

Converting Colors

HunterLab(49.5515, 11.7838,
27.6469)

Have a look what the booklet for
HunterLab(49.5515, 11.7838,
27.6469) contains.

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Color

**HunterLab(49.5515, 11.7838,
27.6469)**

Conversions

Conversions Part 1

Format	Color
Hex	B87B2E
RGB	184, 123, 46
RGB Percent	72%, 48%, 18%
CMY	0.2784, 0.5176, 0.8196
CMYK	0.00, 0.33, 0.75, 0.28
HSL	33°, 60%, 45%
HSV	33°, 75%, 72%
XYZ	27.3432, 24.5535, 5.8830
YIQ	132.4610, 61.0730, -11.0150

Conversions

Conversions Part 2

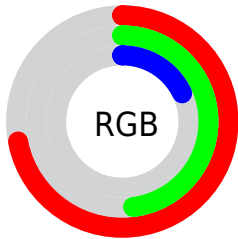
Format	Color
RYB	155, 184, 46
Decimal	12090158
CIELab	56.64, 16.97, 49.63
CIElCh	57, 52.451, 71.118
Yxy	24.5548, 0.4732, 0.4250
Android (android.graphics.Color)	4290280238 (0xFFB87B2E)
YUV	132.4610, -42.6253, 45.1997
Hunter-Lab	49.5515, 11.7838, 27.6469

Details

The HunterLab color **49.5515, 11.7838, 27.6469** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **38.1527, 3.5790, -46.8979**, and the grayscale version is **48.3645, -2.5806, 2.6277**.

A 20% lighter version of the original color is **71.5170, 12.0984, 34.9045**, and **30.5503, 11.1177, 19.0196** is the 20% darker color. If you saturate the color by 10%, you get **47.4390, 15.1439, 28.1547**, and if you desaturate by 10%, it is **51.8022, 8.7186, 26.4523**.

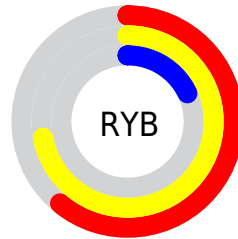
Distribution



Red (72%)

Green (48%)

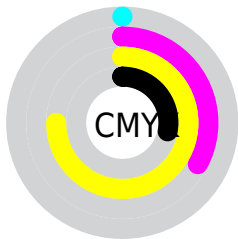
Blue (18%)



Red (61%)

Yellow (72%)

Blue (18%)

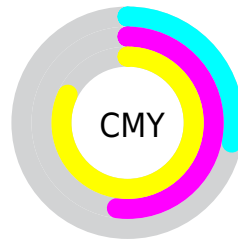


Cyan (0%)

Magenta (33%)

Yellow (75%)

Black (28%)



Cyan (28%)

Magenta (52%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.5515, 11.7838, 27.6469 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 49.5515, 11.7838, 27.6469 by changing the saturation by 10% instead.

■ 49.5515, 11.7838,
27.6469

■ 49.5515, 11.7838,
27.6469

166.0160, 12.0918,
56.4641

■ 39.6808, 11.3927,
23.7323

■ 71.3680, 12.2950,
34.8694

■ 30.5685, 10.8993,
19.5616

■ 83.2303, 12.4394,
38.2434

■ 22.2856, 10.2828,
15.5999

■ 95.6855, 12.5181,
41.4939

■ 14.9251, 9.5185,
10.4476

■ 108.7066, 12.5368,
44.6405

■ 8.5731, 8.7974,
6.0012

■ 122.2700, 12.4999,
47.6990

0.0000, INF, NaN

0.0000, NaN, NaN

■ 136.3548, 12.4113,

50.6824

0.0000, NaN, NaN

150.9424, 12.2743,
53.6012

0.0000, NaN, NaN

■ 49.5515, 11.7838,
27.6469

■ 49.5515, 11.7838,
27.6469

■ 47.4390, 15.1439,
28.1547

■ 51.8022, 8.7186,
26.4523

■ 45.4661, 18.7730,
28.0000

■ 54.1807, 5.9720,
24.5788

■ 44.5260, 20.6369,
27.7980

■ 56.6806, 3.5443,
22.0552

■ 59.2944, 1.4299,
18.9202

■ 62.0144, -0.3825,
15.2170

■ 64.8335, -1.9077,
10.9899

■ 67.7448, -3.1627,
6.2820

■ 70.7422, -4.1649,
1.1344

■ 73.8198, -4.9320,
-4.4153

Harmonies

Analogous

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



49.5528, 33.3693, 22.5171



49.5515, 11.7838, 27.6469



49.5528, -10.5337, 28.1484

Triad

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



49.5528, 11.7811, 27.6474



49.5528, -37.6633, -5.6959



49.5528, 28.3115, -38.1396

Complementary

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



49.5515, 11.7838, 27.6469



38.1527, 3.5790, -46.8979

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.



49.5528, 5.7668, -55.1673



49.5515, 11.7838, 27.6469



49.5528, -30.6286, -31.6813

Square

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



49.5528, 11.7811, 27.6474



49.5528, -36.6221, 14.0209



49.5528, -15.5919, -52.3924



49.5528, 44.0022, -12.1521

Rectangle

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



49.5515, 11.7838, 27.6469



49.5528, -22.6463, 26.2435



49.5528, -15.5919, -52.3924



49.5528, 21.1338, -45.5226

Sweetspot

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



49.5528, 11.7811, 27.6474



84.4819, -1.0917, 19.0571



36.3721, 51.4627, 0.1405



38.7587, -0.2337, 9.5256



96.5975, -5.1542, 5.2483



43.2801, -2.3093, 2.3515

Same Dimension

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



49.5528, 11.7811, 27.6474



62.1214, 23.5331, 37.8677



66.2093, -19.3830, 38.1437



31.3384, -1.2496, 3.9510



37.1574, 16.7136, 23.1888



7.7970, 1.4747, 4.8303

Inverse Universe

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



38.1527, 3.5790, -46.8979



44.4271, 13.4361, -82.0947



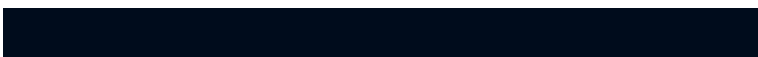
24.8377, 36.2473, -92.3083



30.5864, -1.9423, -0.7253



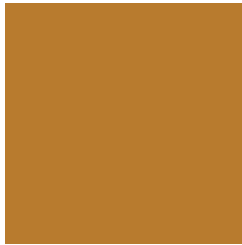
25.7118, 11.0683, -56.0307



5.9731, -0.0966, -7.2572

Previews

White Background



This preview shows how the HunterLab color 49.5515, 11.7838, 27.6469 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 49.5515, 11.7838, 27.6469 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 49.5515, 11.7838, 27.6469 Background



This preview shows how black text looks on a background with the HunterLab color 49.5515, 11.7838, 27.6469.



This preview shows how white text looks on a background with the HunterLab color 49.5515, 11.7838,

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

49.5515, 11.7838, 27.6469

Protanopia

49.7966, -6.5975, 26.9760

Deuteranopia

49.5382, 3.7487, 27.7389



Tritanopia

49.5333, 24.1467, 8.1202

Trichromacy



Original Color

49.5515, 11.7838, 27.6469

Protanomaly

49.6153, -0.0670, 27.0992

Deuteranomaly

49.5967, 6.6637, 27.7101

Tritanomaly

49.3621, 18.7853, 17.4535

Monochromacy



Original Color

49.5515, 11.7838, 27.6469

Achromatopsia

48.0354, -2.5630, 2.6099

Achromatomaly

48.1865, 0.7320, 14.5562

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.5515, 11.7838, 27.6469 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(184, 123, 46)` looks like.

```
.text, #text, p{  
    color:rgb(184, 123, 46)  
}
```

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(184, 123, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 123, 46) }
```

Border

The CSS property to change the border of an element to HunterLab 49.5515, 11.7838, 27.6469 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(184, 123, 46) }
```


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

```
.border{ border-color:rgb(184, 123, 46) }
```

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

Here you see how a box with a 4 pixel rgb(184, 123, 46) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 123, 46); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 123, 46);  
box-shadow:4px 4px 4px 4px rgb(184, 123,  
46) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.5515, 11.7838, 27.6469 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 123, 46) }
```

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

```
.background{ background-color: rgb(184,  
123, 46) }
```

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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