

Converting Colors

HunterLab(41.3787, 16.4231,
-50.2043)

Have a look what the booklet for
HunterLab(41.3787, 16.4231,
-50.2043) contains.

HunterLab(41.2900, 16.3122, -50.1230)	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(41.2900, 16.3122,
-50.1230)**

Conversions

Conversions Part 1

Format	Color
Hex	646AC5
RGB	100, 106, 197
RGB Percent	39%, 42%, 77%
CMY	0.6078, 0.5843, 0.2274
CMYK	0.49, 0.46, 0.00, 0.23
HSL	236°, 46%, 58%
HSV	236°, 49%, 77%
XYZ	20.4876, 17.0486, 55.0343
YIQ	114.5800, -32.7870, 27.0290

Conversions

Conversions Part 2

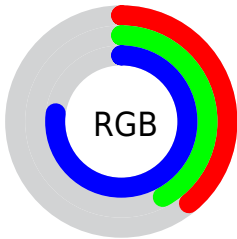
Format	Color
RYB	100, 106, 197
Decimal	6580933
CIELab	48.32, 22.55, -48.41
CIElCh	48, 53.407, 294.971
Yxy	17.0492, 0.2213, 0.1842
Android (android.graphics.Color)	4284771013 (0xFF646AC5)
YUV	114.5800, 40.6331, -12.7867
Hunter-Lab	41.2900, 16.3122, -50.1230

Details

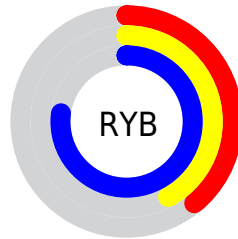
The HunterLab color $41.2900, 16.3122, -50.1230$ is a dark color, and the websafe version is hex $6666CC$. A complement of this color would be $70.7487, -12.9030, 33.2643$, and the grayscale version is $41.1023, -2.1931, 2.2332$.

A 20% lighter version of the original color is $61.9174, 17.5012, -51.3275$, and $23.6273, 14.8322, -50.3915$ is the 20% darker color. If you saturate the color by 10%, you get $35.5680, 22.3817, -65.7458$, and if you desaturate by 10%, it is $47.4764, 11.1036, -36.5189$.

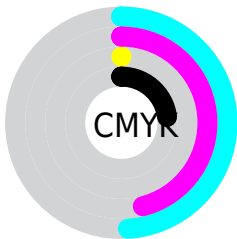
Distribution



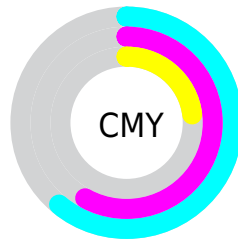
- Red (39%)
- Green (42%)
- Blue (77%)



- Red (39%)
- Yellow (42%)
- Blue (77%)



- Cyan (49%)
- Magenta (46%)
- Yellow (0%)
- Black (23%)













- Cyan (61%)
- Magenta (58%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 41.2900, 16.3122, -50.1230 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 41.2900, 16.3122, -50.1230 by changing the saturation by 10% instead.

 41.2900, 16.3122, -50.1230	 41.2900, 16.3122, -50.1230
153.4457, 19.1837, -56.1585	 32.0462, 15.5551, -49.7800
 61.9761, 17.4966, -51.3867	 23.6179, 14.6654, -49.9313
 73.3217, 17.9484, -52.1189	 16.0943, 13.6238, -51.1795
 85.2858, 18.3195, -52.8586	 9.6009, 12.4186, -55.2679
 97.8380, 18.6172, -53.5844	0.0000, INF, -NF
110.9520, 18.8477, -54.2834	0.0000, NaN, -NF
124.6045, 19.0161,	0.0000, NaN, -NF
	0.0000, NaN, NaN

-54.9481

0.0000, NaN, NaN

138.7752, 19.1269,
-55.5740

■ 41.2900, 16.3122,
-50.1230

■ 41.2900, 16.3122,
-50.1230

■ 35.5680, 22.3817,
-65.7458

■ 47.4764, 11.1036,
-36.5189

■ 30.4495, 29.4214,
-83.5785

■ 54.0275, 6.5853,
-24.5622

■ 26.1337, 37.2761,
-103.0863

■ 60.8764, 2.6023,
-13.8899

■ 22.8690, 45.1372,
-122.0687

■ 67.9749, -0.9699,
-4.2058

■ 20.8426, 51.2958,
-136.5240

■ 75.2877, -4.2262,
4.7186

■ 20.7330, 51.6351,
-137.3799

■ 82.7885, -7.2380,
13.0567

■ 90.4567, -10.0590,
20.9394

■ 98.0228, -13.6318,
28.2116

■ 98.3927, -14.2137,
28.5495

Harmonies

Analogous

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



41.2907, -5.6946, -57.4612



41.2900, 16.3122, -50.1230



41.2907, 36.4489, -26.5305

Triad

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



41.2907, 16.3125, -50.1218



41.2907, 23.6957, 22.9815



41.2907, -35.2895, 5.4829

Complementary

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



41.2900, 16.3122, -50.1230



70.7487, -12.9030, 33.2643

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.



41.2907, -30.4015, 18.8051



41.2900, 16.3122, -50.1230



41.2907, 1.4037, 25.1495

Square

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



41.2907, 16.3125, -50.1218



41.2907, 41.2753, 15.4240



41.2907, -17.9437, 24.1355



41.2907, -32.8689, -17.5393

Rectangle

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



41.2900, 16.3122, -50.1230



41.2907, 44.6183, -9.0375



41.2907, -17.9437, 24.1355



41.2907, -34.4811, 11.0386

Sweetspot

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



41.2907, 16.3125, -50.1218



85.2388, 1.5092, -13.2567



68.1054, -28.5651, -1.2104



38.5008, 1.1812, -7.4396

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



41.2907, 16.3125, -50.1218



47.1141, 30.5424, -89.4915



43.4746, 29.8389, -44.7290



32.2350, -0.4362, -2.0644



16.9427, 41.3417, -110.4218



4.1649, 7.1902, -20.7273

Inverse Universe

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



46.9321, 32.6746, 12.2647



56.9941, 54.5840, 19.5601



69.1509, -28.6587, 31.7705



32.6303, 1.2111, 2.5034



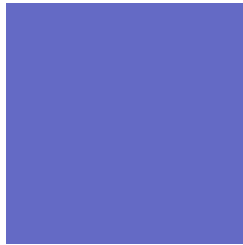
27.9817, 47.9986, 17.4686



6.1199, 10.5595, 3.3418

Previews

White Background



This preview shows how the HunterLab color 41.2900, 16.3122, -50.1230 looks on a white 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

Black Background



This preview shows how the HunterLab color 41.2900, 16.3122, -50.1230 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

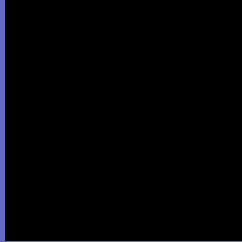
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 41.2900, 16.3122, -50.1230 Background



This preview shows how black text looks on a background with the HunterLab color 41.2900, 16.3122, -50.1230.



This preview shows how white text looks on a background with the HunterLab color 41.2900, 16.3122, -50.1230.

-50.1230.

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

41.2900, 16.3122, -50.1230

Protanopia

41.2442, 10.1284, -54.7335

Deuteranopia

41.5592, 3.4086, -47.9888



Tritanopia

41.2540, -10.5698, -5.6250

Trichromacy



Original Color

41.2900, 16.3122, -50.1230

Protanomaly

41.1111, 12.1738, -53.2607

Deuteranomaly

41.1723, 7.8526, -49.6981

Tritanomaly

41.0896, -1.9994, -19.4619

Monochromacy



Original Color

41.2900, 16.3122, -50.1230

Achromatopsia

41.4054, -2.2093, 2.2496

Achromatomaly

41.1675, 3.1221, -13.1586

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 41.2900, 16.3122, -50.1230 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(100, 106, 197)` looks like.

```
.text, #text, p{  
    color:rgb(100, 106, 197)  
}
```

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(100, 106, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 106, 197) }
```

Border

The CSS property to change the border of an element to HunterLab 41.2900, 16.3122, -50.1230 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(100, 106, 197) }
```


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

```
.border{ border-color:rgb(100, 106, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(100, 106, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 106, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 106, 197);  
box-shadow:4px 4px 4px 4px rgb(100, 106,  
197) }
```

Background

The CSS property to change the background color of an element to HunterLab 41.2900, 16.3122, -50.1230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 106, 197) }
```

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

```
.background{ background-color: rgb(100,  
106, 197) }
```

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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