

Converting Colors

HunterLab(47.5771, 28.8011,
-33.5224)

Have a look what the booklet for
HunterLab(47.5771, 28.8011,
-33.5224) contains.

HunterLab(47.6839, 28.5531, -33.5793)	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(47.6839, 28.5531,
-33.5793)**

Conversions

Conversions Part 1

Format	Color
Hex	A06FC2
RGB	160, 111, 194
RGB Percent	63%, 44%, 76%
CMY	0.3725, 0.5647, 0.2392
CMYK	0.18, 0.43, 0.00, 0.24
HSL	275°, 40%, 60%
HSV	275°, 43%, 76%
XYZ	29.9193, 22.7375, 53.8509
YIQ	135.1130, 2.5610, 36.2010

Conversions

Conversions Part 2

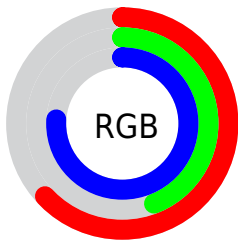
Format	Color
R_{YB}	160, 111, 194
Decimal	10514370
CIE _{Lab}	54.80, 34.95, -36.09
CIE _{LCh}	55, 50.240, 314.078
Yxy	22.7385, 0.2809, 0.2135
Android (android.graphics.Color)	4288704450 (0xFFA06FC2)
YUV	135.1130, 29.0313, 21.8259
Hunter-Lab	47.6839, 28.5531, -33.5793

Details

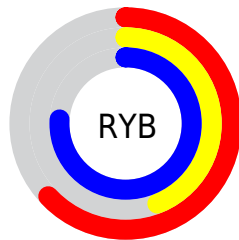
The HunterLab color $47.6839, 28.5531, -33.5793$ is a light color, and the websafe version is hex $9966CC$. A complement of this color would be $67.6400, -29.0702, 27.9872$, and the grayscale version is $49.1557, -2.6228, 2.6707$.

A 20% lighter version of the original color is $69.3649, 30.4568, -34.7352$, and $29.0938, 25.8980, -32.1811$ is the 20% darker color. If you saturate the color by 10%, you get $42.6163, 36.3747, -44.1118$, and if you desaturate by 10%, it is $53.1856, 20.7385, -23.7617$.

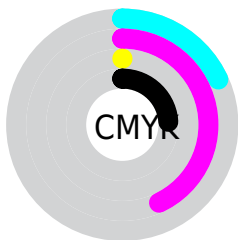
Distribution



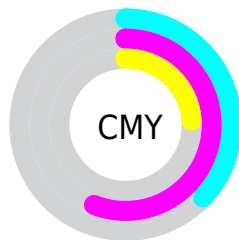
- Red (63%)
- Green (44%)
- Blue (76%)



- Red (63%)
- Yellow (44%)
- Blue (76%)



- Cyan (18%)
- Magenta (43%)
- Yellow (0%)
- Black (24%)



- Cyan (37%)
- Magenta (56%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 47.6839, 28.5531, -33.5793 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 47.6839, 28.5531, -33.5793 by changing the saturation by 10% instead.

47.6839, 28.5531,
-33.5793

47.6839, 28.5531,
-33.5793

163.2112, 35.3176,
-37.8547

37.9480, 27.3177,
-32.9490

69.2557, 30.6717,
-34.8286

28.9823, 25.9535,
-32.3911

81.0058, 31.5769,
-35.4049

20.8609, 24.4563,
-32.0457

93.3542, 32.3908,
-35.9361

13.6830, 22.8511,
-32.2773

106.2732, 33.1208,
-36.4187

7.2911, 23.2619,
-36.1333

119.7386, 33.7733,
-36.8515

0.0000, INF, -NF

0.0000, NaN, -NF

133.7291, 34.3538,

-37.2346

0.0000, NaN, NaN

148.2256, 34.8672,
-37.5686

0.0000, NaN, NaN

■ 47.6839, 28.5531,
-33.5793

■ 47.6839, 28.5531,
-33.5793

■ 42.6163, 36.3747,
-44.1118

■ 53.1856, 20.7385,
-23.7617

■ 38.0725, 43.9670,
-55.2535

■ 59.0450, 13.0423,
-14.6397

■ 34.1630, 50.8864,
-66.6371

■ 65.2057, 5.4997,
-6.1333

■ 31.0018, 56.4515,
-77.5199

■ 71.6233, -1.8890,
1.8503

■ 28.6730, 59.8717,
-86.8228

■ 78.2635, -9.1392,
9.3998

■ 27.4011, 61.1398,
-92.4834

■ 85.0991, -16.2719,
16.5927

■ 92.1084, -23.3085,
23.4947

■ 95.4961, -24.8590,
26.7205

■ 96.1725, -22.3756,
27.4037

Harmonies

Analogous

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



47.6849, 7.5665, -50.9468



47.6839, 28.5531, -33.5793



47.6849, 42.2793, -9.0525

Triad

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



47.6849, 28.5522, -33.5779



47.6849, 8.9162, 26.5886



47.6849, -35.4431, -7.6063

Complementary

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



47.6839, 28.5531, -33.5793



67.6400, -29.0702, 27.9872

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.



47.6849, -35.2077, 11.8893



47.6839, 28.5531, -33.5793



47.6849, -11.8819, 26.7035

Square

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



47.6849, 28.5522, -33.5779



47.6849, 29.6850, 22.1884



47.6849, -27.2799, 22.6231



47.6849, -27.9896, -32.1368

Rectangle

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



47.6839, 28.5531, -33.5793



47.6849, 44.2098, 5.2204



47.6849, -27.2799, 22.6231



47.6849, -36.2149, -0.1874

Sweetspot

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



47.6849, 28.5522, -33.5779



87.4081, 7.8289, -8.7258



52.6356, -2.2146, -25.0970



40.0172, 4.7250, -5.2615

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



47.6849, 28.5522, -33.5779



57.9971, 47.9424, -57.9544



51.4106, 38.1909, -21.9262



31.6784, 1.3918, -1.5765



22.3278, 49.7062, -74.4788



5.0488, 10.8377, -13.7257

Inverse Universe

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



49.8833, 30.9478, -0.5610



61.8644, 51.4655, -0.5632



65.7797, -36.1130, 24.4749



31.8509, 1.6508, 1.1555



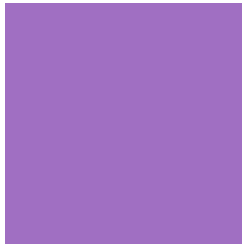
28.1635, 49.6195, 7.4345



5.9698, 10.7357, -0.1126

Previews

White Background



This preview shows how the HunterLab color 47.6839, 28.5531, -33.5793 looks on a white background.

Color Contrast Check

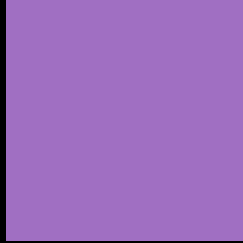
Large Text (above 18pt) WCAG AA ✓ Pass

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 47.6839, 28.5531, -33.5793 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

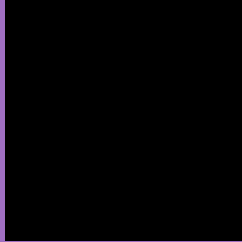
Any Text WCAG AA ✓ Pass

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 47.6839, 28.5531, -33.5793 Background



This preview shows how black text looks on a background with the HunterLab color 47.6839, 28.5531, -33.5793.



This preview shows how white text looks on a background with the HunterLab color 47.6839, 28.5531, -33.5793.

-33.5793.

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

47.6839, 28.5531, -33.5793

Protanopia

48.0319, 7.8317, -44.7261

Deuteranopia

47.8238, 3.8764, -30.8585



Tritanopia

47.5611, 7.1735, 1.3162

Trichromacy



Original Color

47.6839, 28.5531, -33.5793

Protanomaly

47.3458, 14.7334, -42.1062

Deuteranomaly

47.3704, 12.2081, -32.2898

Tritanomaly

47.3962, 14.6898, -9.8829

Monochromacy



Original Color

47.6839, 28.5531, -33.5793

Achromatopsia

49.2221, -2.6264, 2.6743

Achromatomaly

48.2196, 8.0248, -8.8203

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 47.6839, 28.5531, -33.5793 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(160, 111, 194)` looks like.

```
.text, #text, p{  
    color:rgb(160, 111, 194)  
}
```

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(160, 111, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 111, 194) }
```

Border

The CSS property to change the border of an element to HunterLab 47.6839, 28.5531, -33.5793 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(160, 111, 194) }
```


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

```
.border{ border-color:rgb(160, 111, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 111, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 111, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 111, 194);  
box-shadow:4px 4px 4px 4px rgb(160, 111,  
194) }
```

Background

The CSS property to change the background color of an element to HunterLab 47.6839, 28.5531, -33.5793 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 111, 194) }
```

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

```
.background{ background-color: rgb(160,  
111, 194) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor