

Converting Colors

HunterLab(56.7120, -6.9191,
29.4360)

Have a look what the booklet for
HunterLab(56.7120, -6.9191,
29.4360) contains.

HunterLab(56.7120, -6.9191, 29.4360)	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(56.7120, -6.9191,
29.4360)**

Conversions

Conversions Part 1

Format	Color
Hex	AB9A42
RGB	171, 154, 66
RGB Percent	67%, 60%, 26%
CMY	0.3294, 0.3961, 0.7412
CMYK	0.00, 0.10, 0.61, 0.33
HSL	50°, 44%, 46%
HSV	50°, 61%, 67%
XYZ	29.3336, 32.1625, 9.8162
YIQ	149.0510, 38.3800, -23.7640

Conversions

Conversions Part 2

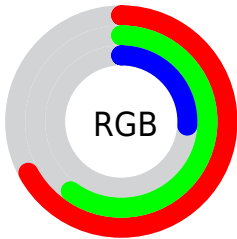
Format	Color
RYB	86, 171, 66
Decimal	11246146
CIELab	63.48, -4.68, 47.35
CIELCh	63, 47.581, 95.648
Yxy	32.1640, 0.4113, 0.4510
Android (android.graphics.Color)	4289436226 (0xFFAB9A42)
YUV	149.0510, -40.9441, 19.2493
Hunter-Lab	56.7120, -6.9191, 29.4360

Details

The HunterLab color **56.7120, -6.9191, 29.4360** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **32.0698, 14.5138, -51.2143**, and the grayscale version is **54.9926, -2.9343, 2.9879**.

A 20% lighter version of the original color is **79.4066, -8.4025, 36.2168**, and **36.6574, -5.1668, 21.9856** is the 20% darker color. If you saturate the color by 10%, you get **55.7569, -6.4898, 31.1652**, and if you desaturate by 10%, it is **57.7244, -7.0794, 27.0187**.

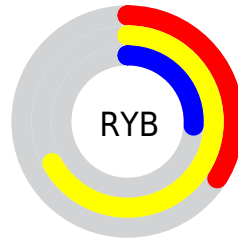
Distribution



Red (67%)

Green (60%)

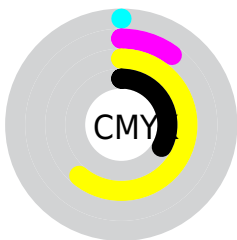
Blue (26%)



Red (34%)

Yellow (67%)

Blue (26%)

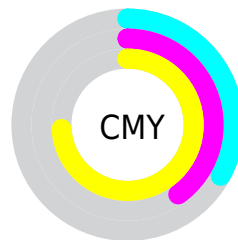


Cyan (0%)

Magenta (10%)

Yellow (61%)

Black (33%)



Cyan (33%)

Magenta (40%)

Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 56.7120, -6.9191, 29.4360 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 56.7120, -6.9191, 29.4360 by changing the saturation by 10% instead.

■ 56.7120, -6.9191,
29.4360

■ 56.7120, -6.9191,
29.4360

176.5972,
-15.1573, 56.5391

■ 46.3539, -6.1077,
25.8302

■ 79.4155, -8.6081,
36.1403

■ 36.7155, -5.3125,
22.0045

■ 91.6863, -9.4823,
39.2952

■ 27.8570, -4.5333,
17.9567

■ 104.5312,
-10.3772, 42.3473

■ 19.8541, -3.7655,
13.8978

■ 117.9256,
-11.2927, 45.3129

■ 12.8105, -2.9998,
8.9673

■ 131.8477,
-12.2287, 48.2051

■ 6.2053, -3.6198,
4.3437

146.2783,

0.0000, NaN, NaN

-13.1849, 51.0346

0.0000, NaN, NaN

161.2000,
-14.1612, 53.8101

0.0000, NaN, NaN

■ 56.7120, -6.9191,
29.4360

■ 56.7120, -6.9191,
29.4360

■ 55.7569, -6.4898,
31.1652

■ 57.7244, -7.0794,
27.0187

■ 54.8529, -5.7997,
32.2367

■ 58.7915, -6.9554,
23.8946

■ 53.9975, -4.8729,
32.7036

■ 59.9155, -6.5451,
20.0588

■ 53.2912, -3.9435,
32.7687

■ 61.0967, -5.8478,
15.5148

■ 62.3348, -4.8658,
10.2733

■ 63.6293, -3.6039,
4.3508

■ 64.9794, -2.0689,
-2.2319

■ 66.3842, -0.2687,
-9.4507

■ 67.8426, 1.7871,
-17.2793

Harmonies

Analogous

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



56.7133, 14.4674, 28.0002



56.7120, -6.9191, 29.4360



56.7133, -24.5547, 26.1567

Triad

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



56.7133, -6.9212, 29.4365



56.7133, -32.0698, -23.9419



56.7133, 38.3128, -14.9981

Complementary

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



56.7120, -6.9191, 29.4360



32.0698, 14.5138, -51.2143

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.



56.7133, 22.2793, -37.4721



56.7120, -6.9191, 29.4360



56.7133, -18.6320, -43.8087

Square

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



56.7133, -6.9212, 29.4365



56.7133, -37.6662, -0.7962



56.7133, 0.9709, -49.4916



56.7133, 42.6371, 6.7138

Rectangle

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



56.7120, -6.9191, 29.4360



56.7133, -32.4784, 20.6665



56.7133, 0.9709, -49.4916



56.7133, 34.0111, -22.9256

Sweetspot

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



56.7133, -6.9212, 29.4365



82.2665, -7.4611, 18.6985



36.3138, 36.3515, 9.4848



38.6300, -3.6827, 9.7298



93.2148, -4.9737, 5.0645



40.3295, -2.1519, 2.1912

Same Dimension

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



56.7133, -6.9212, 29.4365



74.1369, -8.3642, 42.3690



58.9520, -25.3501, 30.6979



30.1764, -2.2296, 4.3828



46.3396, -3.5381, 28.4923



8.0952, -1.1772, 4.9676

Inverse Universe

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



32.0698, 14.5138, -51.2143



35.4062, 29.1954, -93.2201



30.9899, 30.2428, -54.0863



28.2115, -0.7787, -1.4451



16.9835, 32.0290, -90.3693



3.7723, 2.6008, -10.3293

Previews

White Background



This preview shows how the HunterLab color 56.7120, -6.9191, 29.4360 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 56.7120, -6.9191, 29.4360 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

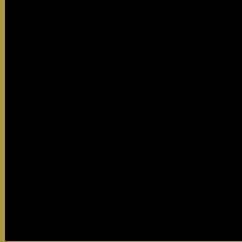
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

HunterLab 56.7120, -6.9191, 29.4360 Background



This preview shows how black text looks on a background with the HunterLab color 56.7120, -6.9191, 29.4360.



This preview shows how white text looks on a background with the HunterLab color 56.7120, -6.9191,

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

56.7120, -6.9191, 29.4360

Protanopia

56.7120, -6.9191, 29.4360

Deuteranopia

56.4998, 3.9843, 29.1457



Tritanopia

56.7757, 9.7897, 2.3110

Trichromacy



Original Color

56.7120, -6.9191, 29.4360

Protanomaly

56.7120, -6.9191, 29.4360

Deuteranomaly

56.5397, -0.1629, 29.2682

Tritanomaly

56.4269, 2.7012, 15.1276

Monochromacy



Original Color

56.7120, -6.9191, 29.4360

Achromatopsia

54.8219, -2.9252, 2.9786

Achromatomaly

55.3473, -5.5844, 15.3110

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 56.7120, -6.9191, 29.4360 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(171, 154, 66)` looks like.

```
.text, #text, p{  
    color:rgb(171, 154, 66)  
}
```

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(171, 154, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 154, 66) }
```

Border

The CSS property to change the border of an element to HunterLab 56.7120, -6.9191, 29.4360 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(171, 154, 66) }
```


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

```
.border{ border-color:rgb(171, 154, 66) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 154, 66)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 154, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 154, 66);  
box-shadow:4px 4px 4px 4px rgb(171, 154,  
66) }
```

Background

The CSS property to change the background color of an element to HunterLab 56.7120, -6.9191, 29.4360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 154, 66) }
```

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

```
.background{ background-color: rgb(171,  
154, 66) }
```

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