

Converting Colors

HunterLab(55.8579, 32.1940,
-42.1923)

Have a look what the booklet for
HunterLab(55.8579, 32.1940,
-42.1923) contains.

HunterLab(55.8700, 32.1651, -42.1316)	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(55.8700, 32.1651,
-42.1316)**

Conversions

Conversions Part 1

Format	Color
Hex	B482E3
RGB	180, 130, 227
RGB Percent	71%, 51%, 89%
CMY	0.2941, 0.4902, 0.1098
CMYK	0.21, 0.43, 0.00, 0.11
HSL	271°, 63%, 70%
HSV	271°, 43%, 89%
XYZ	40.6701, 31.2146, 76.5544
YIQ	156.0080, -1.3370, 40.7670

Conversions

Conversions Part 2

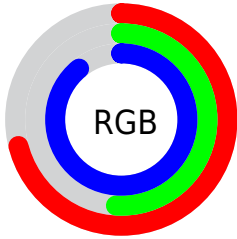
Format	Color
R_{YB}	180, 130, 227
Decimal	11829987
CIE _{Lab}	62.69, 37.60, -42.17
CIE _{LCh}	63, 56.499, 311.721
Yxy	31.2158, 0.2740, 0.2103
Android (android.graphics.Color)	4290020067 (0xFFB482E3)
YUV	156.0080, 34.9991, 21.0410
Hunter-Lab	55.8700, 32.1651, -42.1316

Details

The HunterLab color $55.8700, 32.1651, -42.1316$ is a light color, and the websafe version is hex $CC99FF$. A complement of this color would be $81.1773, -32.9282, 34.0189$, and the grayscale version is $57.5255, -3.0694, 3.1255$.

A 20% lighter version of the original color is $77.1398, 27.2513, -24.7057$, and $35.9057, 29.6526, -40.9761$ is the 20% darker color. If you saturate the color by 10%, you get $49.5583, 41.2007, -55.6855$, and if you desaturate by 10%, it is $62.6962, 23.2229, -29.6856$.

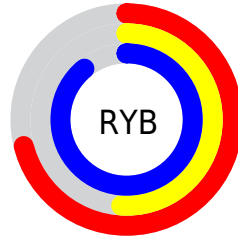
Distribution



Red (71%)

Green (51%)

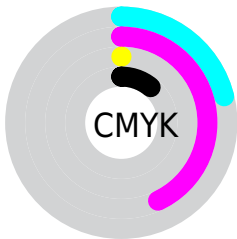
Blue (89%)



Red (71%)

Yellow (51%)

Blue (89%)

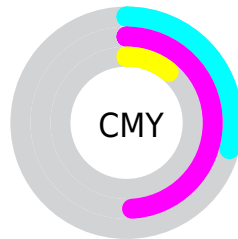


Cyan (21%)

Magenta (43%)

Yellow (0%)

Black (11%)



Cyan (29%)

Magenta (49%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 55.8700, 32.1651, -42.1316 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 55.8700, 32.1651, -42.1316 by changing the saturation by 10% instead.

■ 55.8700, 32.1651,
-42.1316

■ 55.8700, 32.1651,
-42.1316

175.3657, 39.2181,
-47.1844

■ 45.5667, 30.9183,
-41.4612

■ 78.4727, 34.3253,
-43.5010

■ 35.9876, 29.5500,
-40.8746

■ 90.6972, 35.2584,
-44.1541

■ 27.1935, 28.0531,
-40.4922

■ 103.4978, 36.1038,
-44.7702

■ 19.2620, 26.4344,
-40.5864

116.8496, 36.8679,
-45.3441

■ 12.2997, 24.7523,
-41.8731

130.7308, 37.5566,
-45.8732

■ 5.4565, 31.4850,
-57.0710

145.1219, 38.1750,

0.0000, INF, -NF

-46.3563

0.0000, NaN, -NF

160.0055, 38.7275,
-46.7932

0.0000, NaN, NaN

■ 55.8700, 32.1651,
-42.1316

■ 55.8700, 32.1651,
-42.1316

■ 49.5583, 41.2007,
-55.6855

■ 62.6962, 23.2229,
-29.6856

■ 43.8752, 50.0861,
-70.2935

■ 69.9428, 14.4711,
-18.2531

■ 38.9671, 58.3114,
-85.5433

■ 77.5420, 5.9268,
-7.6827

■ 34.9933, 65.0205,
-100.4315

■ 85.4414, -2.4259,
2.1761

■ 32.0816, 69.1382,
-113.3288

■ 93.6006, -10.6151,
11.4564

■ 30.5431, 70.4637,
-121.0191

■ 98.3149, -12.9509,
16.5278

■ 99.1595, -9.9600,
17.4739

Harmonies

Analogous

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



55.8711, 6.9679, -61.5168



55.8700, 32.1651, -42.1316



55.8711, 49.4846, -13.0186

Triad

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



55.8711, 32.1642, -42.1299



55.8711, 12.6630, 31.1395



55.8711, -42.2122, -6.9089

Complementary

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



55.8700, 32.1651, -42.1316



81.1773, -32.9282, 34.0189

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.



55.8711, -41.2240, 15.4089



55.8700, 32.1651, -42.1316



55.8711, -12.2849, 31.6173

Square

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



55.8711, 32.1642, -42.1299



55.8711, 36.9505, 25.4863



55.8711, -31.1430, 27.3037



55.8711, -34.1268, -36.0259

Rectangle

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



55.8700, 32.1651, -42.1316



55.8711, 52.6851, 4.3775



55.8711, -31.1430, 27.3037



55.8711, -42.8863, 1.6711

Sweetspot

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



55.8711, 32.1642, -42.1299



88.1605, 7.1032, -9.1774



65.0639, -6.6143, -26.2480



39.8827, 4.2798, -5.4533

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



55.8711, 32.1642, -42.1299



57.5146, 45.5648, -61.2902



61.5168, 47.6619, -31.3020



37.7500, 1.4973, -2.0686



23.4742, 53.9787, -91.6399



6.8004, 15.1605, -22.8507

Inverse Universe

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



59.5580, 38.4279, -4.0365



62.8839, 53.5693, -5.1517



78.2920, -44.2062, 31.4750



38.0576, 2.1889, 1.0220



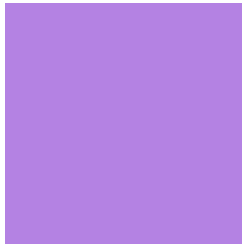
31.9437, 56.8327, 4.1452



8.7906, 15.8385, -0.3994

Previews

White Background



This preview shows how the HunterLab color 55.8700, 32.1651, -42.1316 looks on a white background.

Color Contrast Check

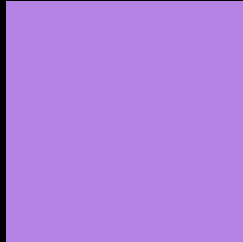
Large Text (above 18pt) WCAG AA × Fail

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 55.8700, 32.1651, -42.1316 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

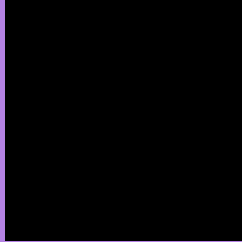
Any Text WCAG AA ✓ Pass

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 55.8700, 32.1651, -42.1316 Background



This preview shows how black text looks on a background with the HunterLab color 55.8700, 32.1651, -42.1316.



This preview shows how white text looks on a background with the HunterLab color 55.8700, 32.1651, -42.1316.

-42.1316.

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

55.8700, 32.1651, -42.1316

Protanopia

56.2235, 9.5383, -54.6072

Deuteranopia

56.2125, 4.5504, -38.9164



Tritanopia

55.6866, 6.2754, 0.4613

Trichromacy



Original Color

55.8700, 32.1651, -42.1316

Protanomaly

55.6322, 16.8899, -50.8127

Deuteranomaly

55.5575, 13.9553, -40.7802

Tritanomaly

55.5916, 14.5666, -12.6900

Monochromacy



Original Color

55.8700, 32.1651, -42.1316

Achromatopsia

57.6586, -3.0765, 3.1327

Achromatomaly

56.7839, 8.7463, -11.0660

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 55.8700, 32.1651, -42.1316 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(180, 130, 227)` looks like.

```
.text, #text, p{  
    color:rgb(180, 130, 227)  
}
```

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(180, 130, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 130, 227) }
```

Border

The CSS property to change the border of an element to HunterLab 55.8700, 32.1651, -42.1316 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(180, 130, 227) }
```


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

```
.border{ border-color:rgb(180, 130, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 130, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 130, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 130, 227);  
box-shadow:4px 4px 4px 4px rgb(180, 130,  
227) }
```

Background

The CSS property to change the background color of an element to HunterLab 55.8700, 32.1651, -42.1316 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 130, 227) }
```

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

```
.background{ background-color: rgb(180,  
130, 227) }
```

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