

Converting Colors

HunterLab(67.5358, 25.5532,
-33.6866)

Have a look what the booklet for
HunterLab(67.5358, 25.5532,
-33.6866) contains.

HunterLab(67.5458, 25.7678, -33.7551)	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(67.5458, 25.7678,
-33.7551)**

Conversions

Conversions Part 1

Format	Color
Hex	CCA3F5
RGB	204, 163, 245
RGB Percent	80%, 64%, 96%
CMY	0.2000, 0.3608, 0.0392
CMYK	0.17, 0.33, 0.00, 0.04
HSL	270°, 80%, 80%
HSV	270°, 33%, 96%
XYZ	54.4805, 45.6244, 92.3211
YIQ	184.6070, -1.8860, 34.1940

Conversions

Conversions Part 2

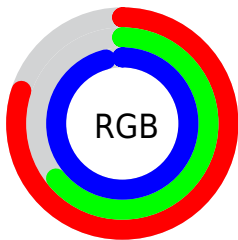
Format	Color
RYB	204, 163, 245
Decimal	13411317
CIELab	73.30, 30.42, -35.33
CIELCh	73, 46.621, 310.731
Yxy	45.6262, 0.2831, 0.2371
Android (android.graphics.Color)	4291601397 (0xFFCCA3F5)
YUV	184.6070, 29.7737, 17.0077
Hunter-Lab	67.5458, 25.7678, -33.7551

Details

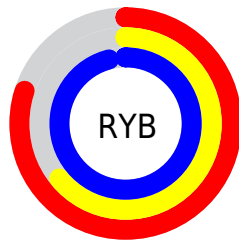
The HunterLab color $67.5458, 25.7678, -33.7551$ is a light color, and the websafe version is hex $CC99FF$. A complement of this color would be $89.8819, -29.8627, 32.0039$, and the grayscale version is $69.3686, -3.7013, 3.7689$.

A 20% lighter version of the original color is $88.6695, 14.6558, -8.3664$, and $46.2485, 23.8757, -32.0769$ is the 20% darker color. If you saturate the color by 10%, you get $60.0739, 35.4689, -47.6214$, and if you desaturate by 10%, it is $75.4884, 16.2802, -21.0492$.

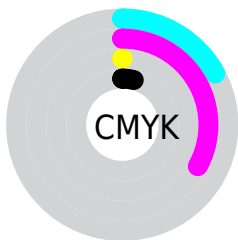
Distribution



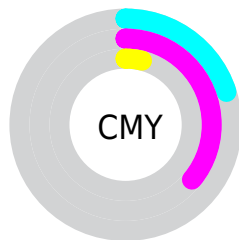
- Red (80%)
- Green (64%)
- Blue (96%)



- Red (80%)
- Yellow (64%)
- Blue (96%)



- Cyan (17%)
- Magenta (33%)
- Yellow (0%)
- Black (4%)



- Cyan (20%)
- Magenta (36%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 67.5458, 25.7678, -33.7551 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 67.5458, 25.7678, -33.7551 by changing the saturation by 10% instead.

67.5458, 25.7678,
-33.7551

67.5458, 25.7678,
-33.7551

192.1728, 29.7709,
-37.1173

56.5252, 24.9312,
-33.1469

91.4655, 27.1568,
-34.8433

46.1780, 23.9891,
-32.5172

104.3005, 27.7279,
-35.3160

36.5528, 22.9284,
-31.8955

117.6854, 28.2253,
-35.7383

27.7086, 21.7361,
-31.3477

131.5984, 28.6542,
-36.1104

19.7215, 20.4021,
-31.0251

146.0202, 29.0194,
-36.4331

12.6960, 18.9353,
-31.3286

160.9334, 29.3249,

6.0464, 22.3446,

-36.7076

-38.8677

176.3224, 29.5744,
-36.9352

0.0000, INF, -NF

0.0000, NaN, -NF

■ 67.5458, 25.7678,
-33.7551

■ 67.5458, 25.7678,
-33.7551

■ 60.0739, 35.4689,
-47.6214

■ 75.4884, 16.2802,
-21.0492

■ 53.1713, 45.2822,
-62.7713

■ 83.8201, 7.0281,
-9.3331

■ 46.9729, 54.9255,
-79.1330

■ 92.4834, -2.0090,
1.5710

■ 41.6443, 63.8132,
-96.2131

■ 99.4966, -7.7217,
9.6962

■ 37.3657, 70.9598,

■ 99.6858, -7.0597,

-112.8076

9.9221

■ 34.2768, 75.1535,
-126.9904

■ 32.8128, 76.2840,
-134.5392

Harmonies

Analogous

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



67.5472, 4.3218, -47.9673



67.5458, 25.7678, -33.7551



67.5472, 40.3647, -10.7444

Triad

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



67.5472, 25.7665, -33.7534



67.5472, 10.6899, 31.3992



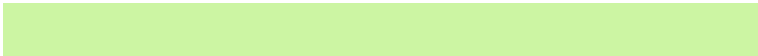
67.5472, -39.8440, -4.1225

Complementary

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



67.5458, 25.7678, -33.7551



89.8819, -29.8627, 32.0039

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.



67.5472, -38.5921, 15.4857



67.5458, 25.7678, -33.7551



67.5472, -11.1876, 32.1650

Square

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



67.5472, 25.7665, -33.7534



67.5472, 30.9306, 24.7530



67.5472, -28.6875, 27.3326



67.5472, -32.3541, -27.6126

Rectangle

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



67.5458, 25.7678, -33.7551



67.5472, 43.2746, 4.1803



67.5472, -28.6875, 27.3326



67.5472, -40.4053, 3.1693

Sweetspot

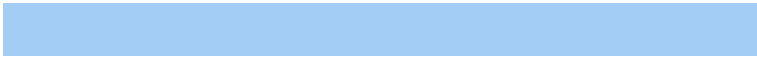
The Sweet Spot groups the original color and five complimentary colors.



67.5472, 25.7665, -33.7534



90.8060, 4.0715, -5.7468



76.3014, -8.3543, -20.2566



41.4249, 2.5029, -3.4133

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



67.5472, 25.7665, -33.7534



65.4521, 33.6623, -44.7801



72.0807, 39.1851, -25.9558



40.4150, 1.5776, -2.2713



24.2541, 56.1786, -97.8349



7.6034, 17.1263, -26.9099

Inverse Universe

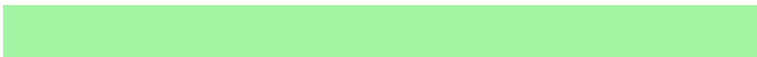
The Inverse Universe completely reimagines the original color for something new.



70.6882, 31.9822, -3.7989



69.5716, 41.2495, -5.0924



87.1102, -40.4572, 29.3832



40.7685, 2.4075, 1.0096



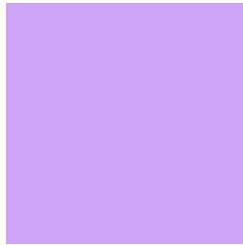
33.5403, 59.7991, 3.3771



10.0472, 18.1052, -0.4764

Previews

White Background



This preview shows how the HunterLab color 67.5458, 25.7678, -33.7551 looks on a white background.

Color Contrast Check

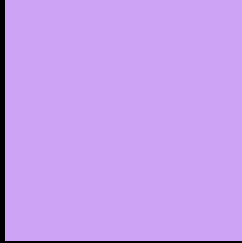
Large Text (above 18pt) WCAG AA × Fail

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 67.5458, 25.7678, -33.7551 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

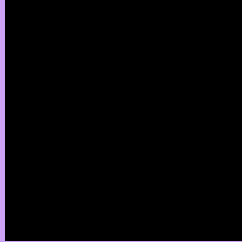
Any Text WCAG AA ✓ Pass

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 67.5458, 25.7678, -33.7551 Background



This preview shows how black text looks on a background with the HunterLab color 67.5458, 25.7678, -33.7551.



This preview shows how white text looks on a background with the HunterLab color 67.5458, 25.7678, -33.7551.

-33.7551.

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

67.5458, 25.7678, -33.7551

Protanopia

67.9181, 6.4560, -40.6252

Deuteranopia

67.8514, 5.0412, -31.5069



Tritanopia

67.4574, 5.5728, -0.1520

Trichromacy



Original Color

67.5458, 25.7678, -33.7551



Protanomaly

67.6287, 12.5375, -38.1215



Deuteranomaly

67.6928, 12.0155, -32.3460



Tritanomaly

67.3488, 12.4641, -11.3854

Monochromacy



Original Color

67.5458, 25.7678, -33.7551



Achromatopsia

69.6527, -3.7165, 3.7844



Achromatomaly

68.6700, 6.4770, -8.5405

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 67.5458, 25.7678, -33.7551 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(204, 163, 245)` looks like.

```
.text, #text, p{  
    color:rgb(204, 163, 245)  
}
```

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(204, 163, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 163, 245) }
```

Border

The CSS property to change the border of an element to HunterLab 67.5458, 25.7678, -33.7551 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(204, 163, 245) }
```


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

```
.border{ border-color:rgb(204, 163, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 163, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 163, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 163, 245);  
box-shadow:4px 4px 4px 4px rgb(204, 163,  
245) }
```

Background

The CSS property to change the background color of an element to HunterLab 67.5458, 25.7678, -33.7551 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 163, 245) }
```

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

```
.background{ background-color: rgb(204,  
163, 245) }
```

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