

Converting Colors

HunterLab(64.9519, 63.6570,
-45.8533)

Have a look what the booklet for
HunterLab(64.9519, 63.6570,
-45.8533) contains.

HunterLab(65.0242, 63.4822, -45.0858)	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(65.0242, 63.4822,
-45.0858)**

Conversions

Conversions Part 1

Format	Color
Hex	F97EFF
RGB	249, 126, 255
RGB Percent	98%, 49%, 100%
CMY	0.0235, 0.5059, 0.0000
CMYK	0.02, 0.51, 0.00, 0.00
HSL	297°, 100%, 75%
HSV	297°, 51%, 100%
XYZ	64.5778, 42.2815, 99.3653
YIQ	177.4830, 31.8990, 66.1950

Conversions

Conversions Part 2

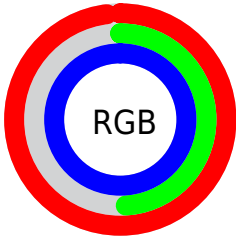
Format	Color
R _Y B	249, 126, 255
Decimal	16350975
CIE _{Lab}	71.07, 64.28, -43.88
CIE _{LCh}	71, 77.829, 325.680
Yxy	42.2833, 0.3131, 0.2050
Android (android.graphics.Color)	4294541055 (0xFFFF97EFF)
YUV	177.4830, 38.2159, 62.7204
Hunter-Lab	65.0242, 63.4822, -45.0858

Details

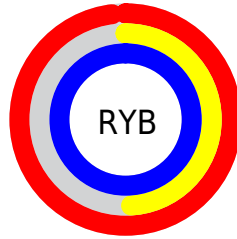
The HunterLab color $65.0242, 63.4822, -45.0858$ is a light color, and the websafe version is hex $FF66FF$. A complement of this color would be $88.2793, -55.3250, 40.1705$, and the grayscale version is $66.3458, -3.5400, 3.6047$.

A 20% lighter version of the original color is $78.9601, 34.1333, -21.7872$, and $43.9097, 59.5701, -44.0399$ is the 20% darker color. If you saturate the color by 10%, you get $60.2947, 75.9663, -54.5480$, and if you desaturate by 10%, it is $70.6223, 50.0265, -35.0337$.

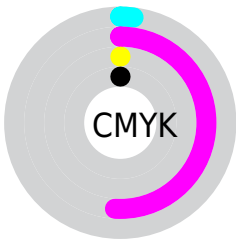
Distribution



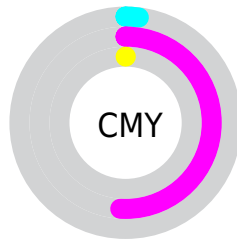
- Red (98%)
- Green (49%)
- Blue (100%)



- Red (98%)
- Yellow (49%)
- Blue (100%)



- Cyan (2%)
- Magenta (51%)
- Yellow (0%)
- Black (0%)





- Cyan (2%)
- Magenta (51%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 65.0242, 63.4822, -45.0858 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 65.0242, 63.4822, -45.0858 by changing the saturation by 10% instead.


 65.0242, 63.4822,
-45.0858


 65.0242, 63.4822,
-45.0858


188.5884, 77.7696,
-50.1403


 54.1509, 61.4278,
-44.3839

 88.6725, 67.2898,
-46.4691

 43.9607, 59.2887,
-43.7284


 101.3813, 69.0480,
-47.1211

 34.5046, 57.0897,
-43.1932

 114.6452, 70.7121,
-47.7344

 25.8447, 54.9004,
-42.9338

128.4419, 72.2865,
-48.3053

 18.0623, 52.9004,
-43.3039

142.7515, 73.7753,
-48.8317

 11.2705, 51.6184,
-45.2618

157.5562, 75.1828,

 3.4350, 97.4698,

-49.3130

-90.1335

172.8400, 76.5130,
-49.7490

0.0000, INF, -NF

0.0000, NaN, -NF

■ 65.0242, 63.4822,
-45.0858

■ 65.0242, 63.4822,
-45.0858

■ 60.2947, 75.9663,
-54.5480

■ 70.6223, 50.0265,
-35.0337

■ 56.5331, 86.7055,
-62.8679

■ 76.9709, 36.1959,
-24.8127

■ 53.8068, 94.8685,
-69.4325

■ 83.9636, 22.3659,
-14.6767

■ 52.1085, 99.8695,
-73.7891

■ 91.5056, 8.7465,
-4.7615

■ 51.2836, 101.9028,

99.5175, -4.5661,

-75.9933

4.8774

100.0000, -5.3358,
5.4332

Harmonies

Analogous

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



65.0256, 29.0246, -87.0824



65.0242, 63.4822, -45.0858



65.0256, 80.0996, -1.5728

Triad

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



65.0256, 63.4797, -45.0831



65.0256, 1.7778, 40.7877



65.0256, -54.4902, -31.5890

Complementary

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



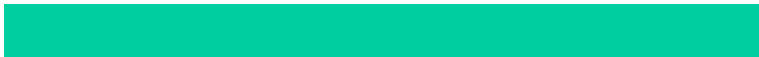
65.0242, 63.4822, -45.0858



88.2793, -55.3250, 40.1705

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.



65.0256, -58.7379, 8.2678



65.0242, 63.4822, -45.0858



65.0256, -30.6244, 39.1708

Square

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



65.0256, 63.4797, -45.0831



65.0256, 39.9268, 37.6702



65.0256, -51.0063, 30.6400



65.0256, -37.8232, -76.7744

Rectangle

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



65.0242, 63.4822, -45.0858



65.0256, 76.6836, 18.8292



65.0256, -51.0063, 30.6400



65.0256, -57.2400, -16.6959

Sweetspot

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



65.0256, 63.4797, -45.0831



88.1142, 14.7241, -9.1060



53.1813, 24.3019, -72.2795



40.0321, 8.1419, -5.1813

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



65.0256, 63.4797, -45.0831



60.1191, 76.4516, -54.9195



63.4132, 54.4690, -9.3337



42.7256, 3.3732, -1.7143



37.0961, 73.6977, -54.8618



11.6303, 23.0755, -16.9671

Inverse Universe

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



61.5218, 45.7251, 17.6706



55.9679, 56.3615, 20.8307



89.1173, -49.7527, 23.8535



42.4273, 1.6652, 3.3617



33.3591, 57.1869, 21.1030



10.4313, 17.9262, 6.2577

Previews

White Background



This preview shows how the HunterLab color 65.0242, 63.4822, -45.0858 looks on a white background.

Color Contrast Check

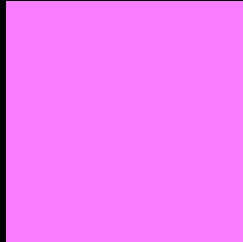
Large Text (above 18pt) WCAG AA × Fail

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 65.0242, 63.4822, -45.0858 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

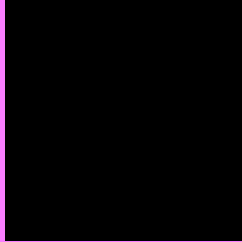
Any Text WCAG AA ✓ Pass

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 65.0242, 63.4822, -45.0858 Background



This preview shows how black text looks on a background with the HunterLab color 65.0242, 63.4822, -45.0858.



This preview shows how white text looks on a background with the HunterLab color 65.0242, 63.4822, -45.0858.

-45.0858.

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

65.0242, 63.4822, -45.0858

Protanopia

65.3795, 7.0246, -45.3864

Deuteranopia

65.2046, 5.6696, -39.7358



Tritanopia

64.8363, 29.7456, 10.0599

Trichromacy



Original Color

65.0242, 63.4822, -45.0858



Protanomaly

63.8200, 26.2028, -48.1080



Deuteranomaly

63.7645, 25.5369, -44.3575

Tritanomaly

64.5683, 40.8530, -6.9073

Monochromacy



Original Color

65.0242, 63.4822, -45.0858



Achromatopsia

66.3066, -3.5380, 3.6026



Achromatomaly

64.4655, 19.7473, -13.0516

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 65.0242, 63.4822, -45.0858 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(249, 126, 255)` looks like.

```
.text, #text, p{  
    color:rgb(249, 126, 255)  
}
```

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(249, 126, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 126, 255) }
```

Border

The CSS property to change the border of an element to HunterLab 65.0242, 63.4822, -45.0858 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(249, 126, 255) }
```


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

```
.border{ border-color:rgb(249, 126, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 126, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 126, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 126, 255);  
box-shadow:4px 4px 4px 4px rgb(249, 126,  
255) }
```

Background

The CSS property to change the background color of an element to HunterLab 65.0242, 63.4822, -45.0858 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 126, 255) }
```

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

```
.background{ background-color: rgb(249,  
126, 255) }
```

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