

Converting Colors

HunterLab(64.9519, 16.2827,
-46.7016)

Have a look what the booklet for
HunterLab(64.9519, 16.2827,
-46.7016) contains.

HunterLab(64.9902, 15.9904, -45.9832)	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(64.9902, 15.9904,
-45.9832)**

Conversions

Conversions Part 1

Format	Color
Hex	A6A5FF
RGB	166, 165, 255
RGB Percent	65%, 65%, 100%
CMY	0.3490, 0.3529, 0.0000
CMYK	0.35, 0.35, 0.00, 0.00
HSL	241°, 100%, 82%
HSV	241°, 35%, 100%
XYZ	47.2310, 42.2373, 100.2710
YIQ	175.5590, -28.2940, 28.2020

Conversions

Conversions Part 2

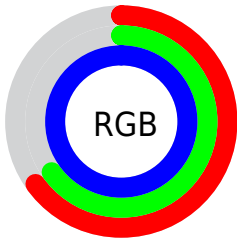
Format	Color
RYB	166, 165, 255
Decimal	10921471
CIELab	71.04, 20.89, -44.52
CIELCh	71, 49.177, 295.133
Yxy	42.2388, 0.2489, 0.2226
Android (android.graphics.Color)	4289111551 (0xFFA6A5FF)
YUV	175.5590, 39.1644, -8.3832
Hunter-Lab	64.9902, 15.9904, -45.9832

Details

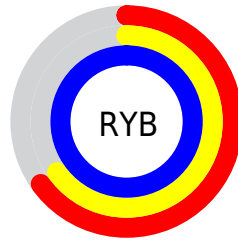
The HunterLab color **64.9902, 15.9904, -45.9832** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **97.6255, -18.3100, 38.2159**, and the grayscale version is **65.5589, -3.4981, 3.5619**.

A 20% lighter version of the original color is **86.0781, 2.9718, -12.0722**, and **43.8942, 15.3088, -44.8498** is the 20% darker color. If you saturate the color by 10%, you get **56.1029, 23.6901, -64.9971**, and if you desaturate by 10%, it is **74.4111, 9.1862, -29.3698**.

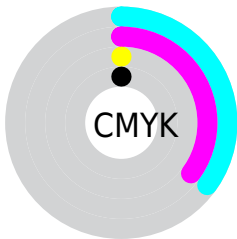
Distribution



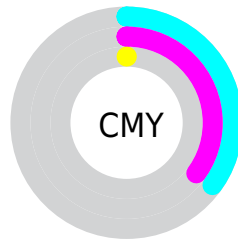
- Red (65%)
- Green (65%)
- Blue (100%)



- Red (65%)
- Yellow (65%)
- Blue (100%)



- Cyan (35%)
- Magenta (35%)
- Yellow (0%)
- Black (0%)



- Cyan (35%)
- Magenta (35%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 64.9902, 15.9904, -45.9832 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 64.9902, 15.9904, -45.9832 by changing the saturation by 10% instead.

64.9902, 15.9904,
-45.9832

64.9902, 15.9904,
-45.9832

188.5396, 16.9214,
-51.1430

54.1187, 15.5486,
-45.2793

88.6346, 16.6278,
-47.3821

43.9307, 15.0128,
-44.6274

101.3417, 16.8397,
-48.0446

34.4769, 14.3696,
-44.1053

114.6039, 16.9881,
-48.6698

25.8195, 13.6023,
-43.8762

128.3989, 17.0778,
-49.2533

18.0400, 12.6904,
-44.3099

142.7070, 17.1127,
-49.7929

11.2515, 11.6130,
-46.4086

157.5102, 17.0963,

3.3854, 26.7031,

-50.2877

-93.7997

172.7926, 17.0316,
-50.7377

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 64.9902, 15.9904,
-45.9832

■ 64.9902, 15.9904,
-45.9832

■ 56.1029, 23.6901,
-64.9971

■ 74.4111, 9.1862,
-29.3698

■ 47.8947, 32.5139,
-87.0355

■ 84.2608, 3.0676,
-14.5958

■ 40.5880, 42.5775,
-112.4454

■ 94.4694, -2.5346,
-1.2095

■ 34.5020, 53.5279,
-140.3815

100.0000, -5.3358,
5.4332

■ 30.0403, 63.8891,

-167.0962

■ 27.5357, 70.9205,
-185.5012

■ 26.9041, 72.9093,
-190.6376

Harmonies

Analogous

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



64.9914, -7.1094, -52.4437



64.9902, 15.9904, -45.9832



64.9914, 36.0699, -24.7368

Triad

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



64.9914, 15.9898, -45.9809



64.9914, 23.2215, 29.0972



64.9914, -41.2792, 6.9409

Complementary

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



64.9902, 15.9904, -45.9832



97.6255, -18.3100, 38.2159

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.



64.9914, -35.3595, 22.9766



64.9902, 15.9904, -45.9832



64.9914, 0.2487, 32.6780

Square

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



64.9914, 15.9898, -45.9809



64.9914, 40.6282, 18.7316



64.9914, -20.8816, 30.8976



64.9914, -38.2533, -16.5332

Rectangle

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



64.9902, 15.9904, -45.9832



64.9914, 43.9731, -7.9606



64.9914, -20.8816, 30.8976



64.9914, -40.2958, 13.2562

Sweetspot

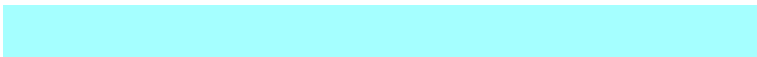
The Sweet Spot groups the original color and five complimentary colors.



64.9914, 15.9898, -45.9809



88.6027, 0.6076, -8.7012



93.1341, -30.1119, -3.3665



40.3541, 0.6362, -4.8750

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



64.9914, 15.9898, -45.9809



58.9632, 21.0411, -58.4309



69.1616, 28.8782, -37.9816



41.6982, -0.1060, -3.1007



19.4585, 52.7106, -137.7140



6.0984, 16.4668, -42.7499

Inverse Universe

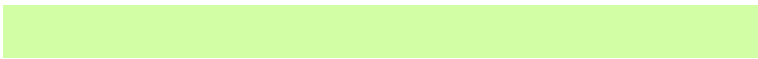
The Inverse Universe completely reimagines the original color for something new.



74.3822, 44.0182, -28.1356



70.3932, 53.4858, -34.5287



93.7756, -32.5185, 34.7073



42.7746, 3.5284, -1.5817



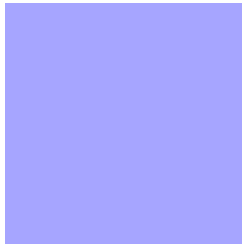
38.4555, 75.4240, -49.3189



12.0040, 23.5506, -15.4476

Previews

White Background



This preview shows how the HunterLab color 64.9902, 15.9904, -45.9832 looks on a white background.

Color Contrast Check

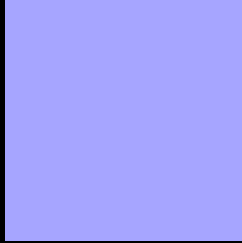
Large Text (above 18pt) WCAG AA × Fail

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 64.9902, 15.9904, -45.9832 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 64.9902, 15.9904, -45.9832 Background



This preview shows how black text looks on a background with the HunterLab color 64.9902, 15.9904, -45.9832.



This preview shows how white text looks on a background with the HunterLab color 64.9902, 15.9904,

-45.9832.

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

64.9902, 15.9904, -45.9832

Protanopia

65.0888, 7.5556, -45.9393

Deuteranopia

65.0074, 5.5896, -44.6003



Tritanopia

65.0553, -8.5289, -5.5122

Trichromacy



Original Color

64.9902, 15.9904, -45.9832

Protanomaly

65.0909, 10.5232, -45.8834

Deuteranomaly

64.8195, 9.5368, -45.6586

Tritanomaly

64.7777, -0.0684, -18.9290

Monochromacy



Original Color

64.9902, 15.9904, -45.9832

Achromatopsia

65.8903, -3.5157, 3.5799

Achromatomaly

65.3326, 2.5646, -12.1131

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 64.9902, 15.9904, -45.9832 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(166, 165, 255)` looks like.

```
.text, #text, p{  
    color:rgb(166, 165, 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(166, 165, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 165, 255) }
```

Border

The CSS property to change the border of an element to HunterLab 64.9902, 15.9904, -45.9832 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(166, 165, 255) }
```


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

```
.border{ border-color:rgb(166, 165, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 165, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 165, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 165, 255);  
box-shadow:4px 4px 4px 4px rgb(166, 165,  
255) }
```

Background

The CSS property to change the background color of an element to HunterLab 64.9902, 15.9904, -45.9832 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 165, 255) }
```

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

```
.background{ background-color: rgb(166,  
165, 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