

Converting Colors

HunterLab(66.2794, 63.7404,
-70.6385)

Have a look what the booklet for
HunterLab(66.2794, 63.7404,
-70.6385) contains.

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Color

**HunterLab(64.4635, 55.8032,
-46.3160)**

Conversions

Conversions Part 1

Format	Color
Hex	EC84FF
RGB	236, 132, 255
RGB Percent	93%, 52%, 100%
CMY	0.0745, 0.4823, 0.0000
CMYK	0.07, 0.48, 0.00, 0.00
HSL	291°, 100%, 76%
HSV	291°, 48%, 100%
XYZ	60.8934, 41.5554, 99.4193
YIQ	177.1180, 22.5010, 60.3010

Conversions

Conversions Part 2

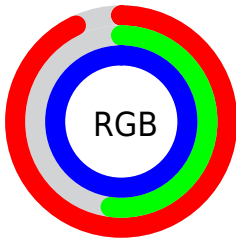
Format	Color
R _Y B	236, 132, 255
Decimal	15500543
CIE Lab	70.56, 57.92, -44.78
CIE LCh	71, 73.209, 322.289
Yxy	41.5572, 0.3017, 0.2059
Android (android.graphics.Color)	4293690623 (0xFFEC84FF)
YUV	177.1180, 38.3958, 51.6395
Hunter-Lab	64.4635, 55.8032, -46.3160

Details

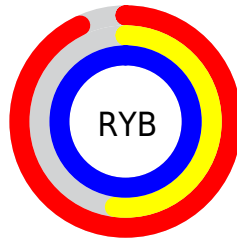
The HunterLab color $64.4635, 55.8032, -46.3160$ is a light color, and the websafe version is hex $FF99FF$. A complement of this color would be $89.3116, -50.9915, 39.6477$, and the grayscale version is $66.1957, -3.5320, 3.5965$.

A 20% lighter version of the original color is $80.2785, 31.3302, -19.8571$, and $43.5786, 51.8515, -44.9270$ is the 20% darker color. If you saturate the color by 10%, you get $58.9906, 67.8982, -57.5495$, and if you desaturate by 10%, it is $70.7249, 43.0782, -34.9769$.

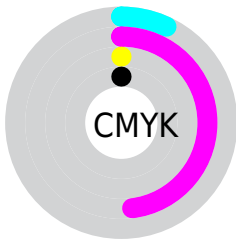
Distribution



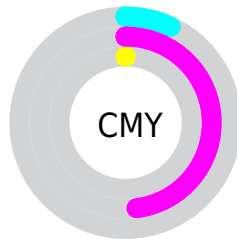
- Red (93%)
- Green (52%)
- Blue (100%)



- Red (93%)
- Yellow (52%)
- Blue (100%)



- Cyan (7%)
- Magenta (48%)
- Yellow (0%)
- Black (0%)



- Cyan (7%)
- Magenta (48%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 64.4635, 55.8032, -46.3160 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 64.4635, 55.8032, -46.3160 by changing the saturation by 10% instead.

 64.4635, 55.8032,
-46.3160


 64.4635, 55.8032,
-46.3160


187.7882, 68.3825,
-51.5320

 53.6234, 53.9313,
-45.6122


 88.0505, 59.2294,
-47.7217

 43.4688, 51.9605,
-44.9658


 100.7309, 60.7939,
-48.3899

 34.0510, 49.9046,
-44.4586


 113.9675, 62.2647,
-49.0216

 25.4329, 47.8104,
-44.2625

127.7379, 63.6470,
-49.6121

 17.6971, 45.8087,
-44.7698

142.0222, 64.9455,
-50.1590

 10.9589, 44.3046,
-47.0552

156.8025, 66.1648,

 2.4999, 113.0306,

-50.6614

-125.5822

172.0627, 67.3092,
-51.1189

0.0000, INF, -NF

0.0000, NaN, -NF

■ 64.4635, 55.8032,
-46.3160

■ 64.4635, 55.8032,
-46.3160

■ 58.9906, 67.8982,
-57.5495

■ 70.7249, 43.0782,
-34.9769

■ 54.4243, 78.6757,
-68.1527

■ 77.6535, 30.1878,
-23.8567

■ 50.8701, 87.2610,
-77.3935

■ 85.1480, 17.3916,
-13.1048

■ 48.3767, 92.8363,
-84.5156

■ 93.1229, 4.8168,
-2.7692

■ 46.8655, 95.1276,

100.0000, -5.3358,

-89.1455

5.4332

 46.6476, 95.3627,
-89.8348

Harmonies

Analogous

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



64.4649, 22.8365, -82.7647



64.4635, 55.8032, -46.3160



64.4649, 73.5602, -5.2602

Triad

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



64.4649, 55.8011, -46.3134



64.4649, 5.4237, 39.4767



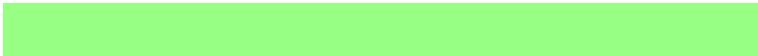
64.4649, -52.8506, -24.3081

Complementary

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



64.4635, 55.8032, -46.3160



89.3116, -50.9915, 39.6477

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.



64.4649, -55.6386, 11.1967



64.4635, 55.8032, -46.3160



64.4649, -26.0886, 38.3464

Square

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



64.4649, 55.8011, -46.3134



64.4649, 40.8499, 35.5885



64.4649, -46.8766, 30.8532



64.4649, -38.2843, -66.1714

Rectangle

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



64.4635, 55.8032, -46.3160



64.4649, 72.2889, 15.2305



64.4649, -46.8766, 30.8532



64.4649, -55.0571, -10.9344

Sweetspot

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



64.4649, 55.8011, -46.3134



88.4697, 12.0373, -8.6782



58.9462, 14.5705, -58.5822



40.1420, 6.8291, -5.0544

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



64.4649, 55.8011, -46.3134



59.1084, 67.6279, -57.2921



65.2833, 54.2648, -16.6017



42.6027, 2.9614, -1.8783



33.7988, 69.0431, -64.6830



10.7188, 21.7830, -19.6381

Inverse Universe

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



63.2443, 44.7744, 12.3059



57.7983, 54.9173, 14.9323



89.1309, -50.1986, 27.7432



42.4650, 1.8685, 2.8224



33.4667, 57.5859, 19.5082



10.5034, 18.1928, 5.1945

Previews

White Background



This preview shows how the HunterLab color 64.4635, 55.8032, -46.3160 looks on a white background.

Color Contrast Check

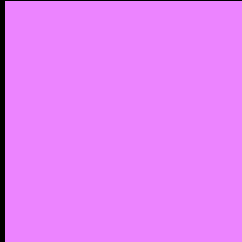
Large Text (above 18pt) WCAG AA × Fail

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 64.4635, 55.8032, -46.3160 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

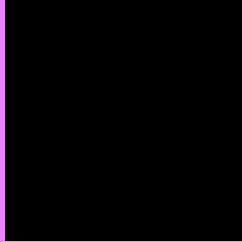
Any Text WCAG AA ✓ Pass

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 64.4635, 55.8032, -46.3160 Background



This preview shows how black text looks on a background with the HunterLab color 64.4635, 55.8032, -46.3160.



This preview shows how white text looks on a background with the HunterLab color 64.4635, 55.8032, -46.3160.

-46.3160.

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

64.4635, 55.8032, -46.3160

Protanopia

64.6599, 7.6278, -46.7740

Deuteranopia

64.6780, 5.5075, -41.4582



Tritanopia

64.3011, 23.2839, 7.2066

Trichromacy



Original Color

64.4635, 55.8032, -46.3160



Protanomaly

63.5170, 23.9349, -48.7539



Deuteranomaly

63.5815, 22.3684, -45.5364

Tritanomaly

63.8921, 34.3405, -9.6066

Monochromacy



Original Color

64.4635, 55.8032, -46.3160



Achromatopsia

66.3066, -3.5380, 3.6026



Achromatomaly

64.7327, 16.4660, -12.7251

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 64.4635, 55.8032, -46.3160 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(236, 132, 255)` looks like.

```
.text, #text, p{  
    color:rgb(236, 132, 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(236, 132, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 132, 255) }
```

Border

The CSS property to change the border of an element to HunterLab 64.4635, 55.8032, -46.3160 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(236, 132, 255) }
```


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

```
.border{ border-color:rgb(236, 132, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 132, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 132, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 132, 255);  
box-shadow:4px 4px 4px 4px rgb(236, 132,  
255) }
```

Background

The CSS property to change the background color of an element to HunterLab 64.4635, 55.8032, -46.3160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 132, 255) }
```

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

```
.background{ background-color: rgb(236,  
132, 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](#).

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