

Converting Colors

HunterLab(64.5539, 10.1667,
-43.1118)

Have a look what the booklet for
HunterLab(64.5539, 10.1667,
-43.1118) contains.

HunterLab(64.6355, 10.0141, -42.9594)	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(64.6355, 10.0141,
-42.9594)**

Conversions

Conversions Part 1

Format	Color
Hex	9AA8FA
RGB	154, 168, 250
RGB Percent	60%, 66%, 98%
CMY	0.3961, 0.3412, 0.0196
CMYK	0.38, 0.33, 0.00, 0.02
HSL	231°, 91%, 79%
HSV	231°, 38%, 98%
XYZ	44.5845, 41.7775, 96.1566
YIQ	173.1620, -34.6660, 22.5340

Conversions

Conversions Part 2

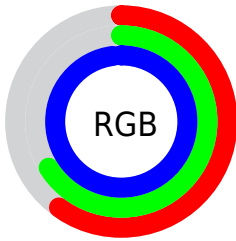
Format	Color
R_{YB}	154, 166, 250
Decimal	10135802
CIE _{Lab}	70.72, 14.71, -42.37
CIE _{LCh}	71, 44.851, 289.150
Yxy	41.7790, 0.2443, 0.2289
Android (android.graphics.Color)	4288325882 (0xFF9AA8FA)
YUV	173.1620, 37.8811, -16.8051
Hunter-Lab	64.6355, 10.0141, -42.9594

Details

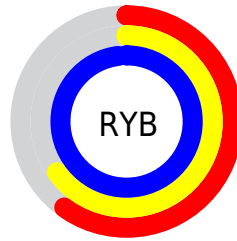
The HunterLab color $64.6355, 10.0141, -42.9594$ is a light color, and the websafe version is hex $9999FF$. A complement of this color would be $90.9119, -11.3392, 35.8817$, and the grayscale version is $64.5707, -3.4453, 3.5082$.

A 20% lighter version of the original color is $85.9327, -2.2738, -12.3639$, and $43.5817, 9.8108, -41.6100$ is the 20% darker color. If you saturate the color by 10%, you get $56.8577, 15.6798, -59.0025$, and if you desaturate by 10%, it is $72.8256, 5.2105, -28.6673$.

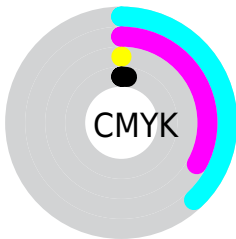
Distribution



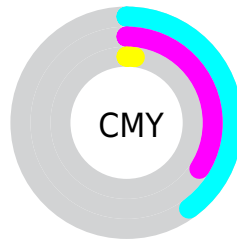
- Red (60%)
- Green (66%)
- Blue (98%)



- Red (60%)
- Yellow (65%)
- Blue (98%)



- Cyan (38%)
- Magenta (33%)
- Yellow (0%)
- Black (2%)



- Cyan (40%)
- Magenta (34%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 64.6355, 10.0141, -42.9594 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 64.6355, 10.0141, -42.9594 by changing the saturation by 10% instead.

■ 64.6355, 10.0141,
-42.9594

■ 64.6355, 10.0141,
-42.9594

188.0335, 8.8024,
-47.7734

■ 53.7850, 9.8574,
-42.2672

■ 88.2412, 10.1169,
-44.3068

■ 43.6195, 9.6199,
-41.6090

■ 100.9303, 10.0765,
-44.9343

■ 34.1899, 9.2897,
-41.0532

114.1753, 9.9812,
-45.5206

■ 25.5590, 8.8512,
-40.7435

127.9538, 9.8351,
-46.0627

■ 17.8089, 8.2829,
-41.0090

142.2458, 9.6415,
-46.5592

■ 11.0542, 7.5550,
-42.7517

157.0336, 9.4032,

■ 2.8200, 22.5847,

-47.0095

-101.2877

172.3011, 9.1228,
-47.4140

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 64.6355, 10.0141,
-42.9594

■ 64.6355, 10.0141,
-42.9594

■ 56.8577, 15.6798,
-59.0025

■ 72.8256, 5.2105,
-28.6673

■ 49.5856, 22.4291,
-77.1970

■ 81.3546, 1.0825,
-15.7644

■ 42.9571, 30.4719,
-97.8279

■ 90.1730, -2.5177,
-3.9477

■ 37.1615, 39.8661,
-120.7028

■ 99.2424, -5.7030,
7.0197

■ 32.4432, 50.2003,

■ 99.8410, -6.2077,

-144.4152

7.7036

■ 29.0470, 60.1518,
-165.6591

■ 28.6212, 61.5502,
-168.6433

Harmonies

Analogous

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



64.6367, -10.7165, -45.2951



64.6355, 10.0141, -42.9594



64.6367, 29.2003, -26.1782

Triad

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



64.6367, 10.0138, -42.9578



64.6367, 24.4474, 25.9657



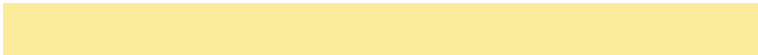
64.6367, -37.8328, 10.1954

Complementary

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



64.6355, 10.0141, -42.9594



90.9119, -11.3392, 35.8817

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.



64.6367, -30.6844, 23.5763



64.6355, 10.0141, -42.9594



64.6367, 4.1476, 30.6005

Square

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



64.6367, 10.0138, -42.9578



64.6367, 38.2255, 14.6646



64.6367, -15.8990, 29.8893



64.6367, -36.6761, -10.0524

Rectangle

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



64.6355, 10.0141, -42.9594



64.6367, 37.7296, -11.3250



64.6367, -15.8990, 29.8893



64.6367, -36.3608, 15.5077

Sweetspot

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



64.6367, 10.0138, -42.9578



88.9346, -1.2987, -8.2937



90.1528, -33.8298, 2.9690



40.5983, -0.3804, -4.5633

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



64.6367, 10.0138, -42.9578



59.9797, 14.5836, -56.3054



63.7620, 26.8596, -44.3400



41.2932, -0.9930, -2.4067



21.1398, 43.7000, -120.7587



7.2994, 10.3245, -31.4114

Inverse Universe

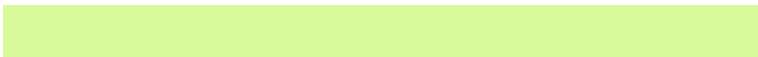
The Inverse Universe completely reimagines the original color for something new.



68.0177, 33.3085, 10.2018



64.5841, 42.2657, 12.1466



92.3934, -29.4326, 36.7975



41.5529, 1.8035, 2.8032



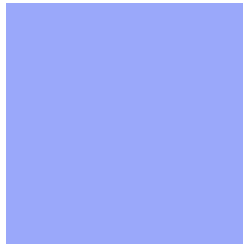
32.9576, 56.6883, 19.3784



10.0897, 17.4727, 5.0172

Previews

White Background



This preview shows how the HunterLab color 64.6355, 10.0141, -42.9594 looks on a white background.

Color Contrast Check

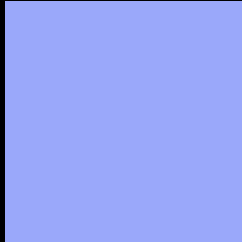
Large Text (above 18pt) WCAG AA × Fail

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 64.6355, 10.0141, -42.9594 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

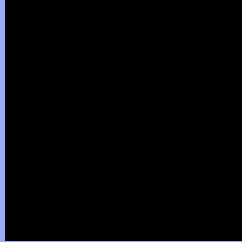
Any Text WCAG AA ✓ Pass

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 64.6355, 10.0141, -42.9594 Background



This preview shows how black text looks on a background with the HunterLab color 64.6355, 10.0141, -42.9594.



This preview shows how white text looks on a background with the HunterLab color 64.6355, 10.0141, -42.9594.

-42.9594.

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

64.6355, 10.0141, -42.9594

Protanopia

64.7215, 7.5351, -44.3537

Deuteranopia

64.5880, 5.3033, -42.3793



Tritanopia

64.5838, -11.6632, -7.2633

Trichromacy



Original Color

64.6355, 10.0141, -42.9594

Protanomaly

64.5992, 8.5181, -43.8111

Deuteranomaly

64.5755, 6.7594, -42.3774

Tritanomaly

64.4474, -4.3642, -18.8914

Monochromacy



Original Color

64.6355, 10.0141, -42.9594

Achromatopsia

64.6440, -3.4492, 3.5122

Achromatomaly

64.3816, 0.5387, -11.2072

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 64.6355, 10.0141, -42.9594 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(154, 168, 250)` looks like.

```
.text, #text, p{  
    color:rgb(154, 168, 250)  
}
```

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(154, 168, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 168, 250) }
```

Border

The CSS property to change the border of an element to HunterLab 64.6355, 10.0141, -42.9594 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(154, 168, 250) }
```


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

```
.border{ border-color:rgb(154, 168, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 168, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 168, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 168, 250);  
box-shadow:4px 4px 4px 4px rgb(154, 168,  
250) }
```

Background

The CSS property to change the background color of an element to HunterLab 64.6355, 10.0141, -42.9594 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 168, 250) }
```

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

```
.background{ background-color: rgb(154,  
168, 250) }
```

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