

Converting Colors

HunterLab(65.2740, 33.1237,
-45.1332)

Have a look what the booklet for
HunterLab(65.2740, 33.1237,
-45.1332) contains.

HunterLab(65.2373, 33.0360, -45.2057)	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(65.2373, 33.0360,
-45.2057)**

Conversions

Conversions Part 1

Format	Color
Hex	CA99FF
RGB	202, 153, 255
RGB Percent	79%, 60%, 100%
CMY	0.2078, 0.4000, 0.0000
CMYK	0.21, 0.40, 0.00, 0.00
HSL	269°, 100%, 80%
HSV	269°, 40%, 100%
XYZ	53.7984, 42.5591, 99.9870
YIQ	179.2790, -3.5380, 42.1100

Conversions

Conversions Part 2

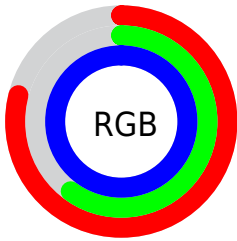
Format	Color
R_{YB}	202, 153, 255
Decimal	13277695
CIE _{Lab}	71.26, 37.50, -43.96
CIE _{LCh}	71, 57.780, 310.468
Yxy	42.5607, 0.2740, 0.2168
Android (android.graphics.Color)	4291467775 (0xFFCA99FF)
YUV	179.2790, 37.3305, 19.9263
Hunter-Lab	65.2373, 33.0360, -45.2057

Details

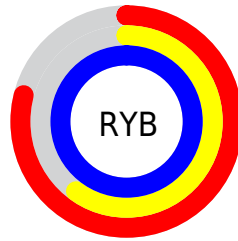
The HunterLab color $65.2373, 33.0360, -45.2057$ is a light color, and the websafe version is hex $CC99FF$. A complement of this color would be $93.2427, -34.9816, 37.6791$, and the grayscale version is $67.1085, -3.5807, 3.6461$.

A 20% lighter version of the original color is $85.7856, 20.1774, -12.1734$, and $44.1538, 30.6738, -43.9965$ is the 20% darker color. If you saturate the color by 10%, you get $57.7204, 43.1911, -60.8571$, and if you desaturate by 10%, it is $73.3124, 23.0727, -30.9336$.

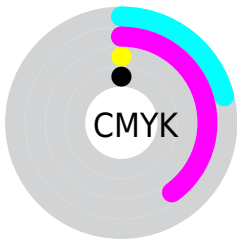
Distribution



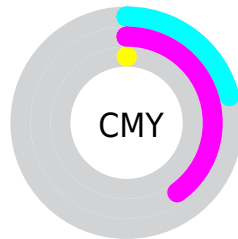
- Red (79%)
- Green (60%)
- Blue (100%)



- Red (79%)
- Yellow (60%)
- Blue (100%)



- Cyan (21%)
- Magenta (40%)
- Yellow (0%)
- Black (0%)



- Cyan (21%)
- Magenta (40%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 65.2373, 33.0360, -45.2057 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 65.2373, 33.0360, -45.2057 by changing the saturation by 10% instead.

65.2373, 33.0360,
-45.2057

65.2373, 33.0360,
-45.2057

188.8920, 39.4540,
-50.2665

54.3513, 31.8904,
-44.5034

88.9087, 35.0164,
-46.5904

44.1476, 30.6315,
-43.8469

101.6283, 35.8702,
-47.2430

34.6770, 29.2489,
-43.3097

114.9025, 36.6420,
-47.8570

26.0013, 27.7373,
-43.0460

128.7090, 37.3377,
-48.4285

18.2014, 26.1071,
-43.4053

143.0282, 37.9625,
-48.9556

11.3894, 24.4309,
-45.3305

157.8421, 38.5209,

3.7286, 44.4515,

-49.4376

-84.0572

173.1350, 39.0168,
-49.8744

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 65.2373, 33.0360,
-45.2057

■ 65.2373, 33.0360,
-45.2057

■ 57.7204, 43.1911,
-60.8571

■ 73.3124, 23.0727,
-30.9336

■ 50.8879, 53.3385,
-77.9377

■ 81.8437, 13.3648,
-17.8710

■ 44.9072, 63.0017,
-96.1340

■ 90.7587, 3.9054,
-5.8111

■ 39.9724, 71.2908,
-114.4504

100.0000, -5.3358,
5.4332

■ 36.2638, 76.9305,

-130.9877

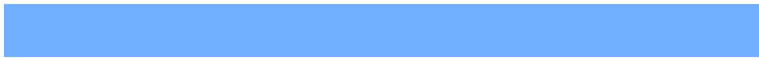
■ 33.7558, 79.1955,
-143.9860

■ 33.7555, 79.1958,
-143.9879

Harmonies

Analogous

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



65.2386, 6.0452, -64.4586



65.2373, 33.0360, -45.2057



65.2386, 51.8890, -14.8449

Triad

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



65.2386, 33.0347, -45.2032



65.2386, 14.4612, 34.7282



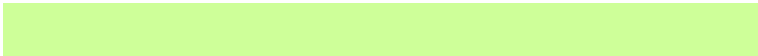
65.2386, -46.4508, -5.8954

Complementary

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



65.2373, 33.0360, -45.2057



93.2427, -34.9816, 37.6791

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.



65.2386, -44.9361, 17.7807



65.2373, 33.0360, -45.2057



65.2386, -12.4967, 35.5164

Square

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



65.2386, 33.0347, -45.2032



65.2386, 40.0360, 27.8476



65.2386, -33.4012, 30.7321



65.2386, -37.9336, -36.4470

Rectangle

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



65.2373, 33.0360, -45.2057



65.2386, 55.7635, 3.9466



65.2386, -33.4012, 30.7321



65.2386, -47.0597, 3.1532

Sweetspot

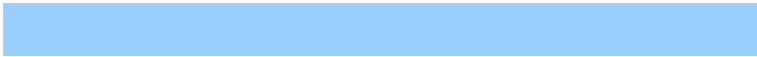
The Sweet Spot groups the original color and five complimentary colors.



65.2386, 33.0347, -45.2032



88.9465, 5.7802, -8.1541



76.6898, -9.4550, -26.0522



40.6069, 3.2425, -4.4884

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



65.2386, 33.0347, -45.2032



59.1728, 41.1527, -57.6127



71.1510, 49.6986, -34.1235



42.1970, 1.5934, -2.4233



24.5796, 57.4414, -103.0929



8.0799, 18.3831, -30.0189

Inverse Universe

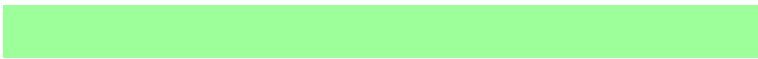
The Inverse Universe completely reimagines the original color for something new.



69.6420, 41.5827, -6.0723



64.7459, 50.8957, -7.1455



89.9602, -47.7060, 34.7344



42.5966, 2.5755, 0.9466



34.6653, 61.9847, 2.0956



10.9185, 19.7103, -0.7900

Previews

White Background



This preview shows how the HunterLab color 65.2373, 33.0360, -45.2057 looks on a white background.

Color Contrast Check

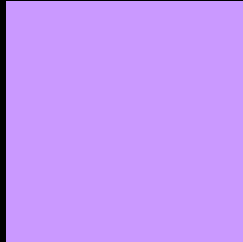
Large Text (above 18pt) WCAG AA × Fail

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 65.2373, 33.0360, -45.2057 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

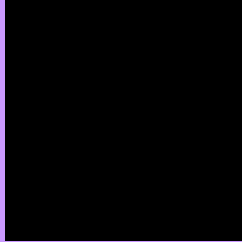
Any Text WCAG AA ✓ Pass

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 65.2373, 33.0360, -45.2057 Background



This preview shows how black text looks on a background with the HunterLab color 65.2373, 33.0360, -45.2057.



This preview shows how white text looks on a background with the HunterLab color 65.2373, 33.0360, -45.2057.

-45.2057.

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

65.2373, 33.0360, -45.2057

Protanopia

65.4492, 7.2559, -45.2479

Deuteranopia

65.4767, 5.4576, -42.2014



Tritanopia

65.2473, 5.1441, 0.0799

Trichromacy



Original Color

65.2373, 33.0360, -45.2057



Protanomaly

64.9902, 15.9904, -45.9832



Deuteranomaly

65.1212, 14.6827, -43.4645



Tritanomaly

65.0132, 14.8689, -14.6903

Monochromacy



Original Color

65.2373, 33.0360, -45.2057



Achromatopsia

67.1406, -3.5825, 3.6479



Achromatomaly

66.1961, 8.5499, -11.9334

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 65.2373, 33.0360, -45.2057 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(202, 153, 255)` looks like.

```
.text, #text, p{  
    color:rgb(202, 153, 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(202, 153, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 153, 255) }
```

Border

The CSS property to change the border of an element to HunterLab 65.2373, 33.0360, -45.2057 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(202, 153, 255) }
```


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

```
.border{ border-color:rgb(202, 153, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 153, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 153, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 153, 255);  
box-shadow:4px 4px 4px 4px rgb(202, 153,  
255) }
```

Background

The CSS property to change the background color of an element to HunterLab 65.2373, 33.0360, -45.2057 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 153, 255) }
```

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

```
.background{ background-color: rgb(202,  
153, 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