

Converting Colors

HunterLab(65.5007, -13.1601,
-45.5062)

Have a look what the booklet for
HunterLab(65.5007, -13.1601,
-45.5062) contains.

HunterLab(65.4582, -13.1029, -45.5871)	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(65.4582,
-13.1029, -45.5871)**

Conversions

Conversions Part 1

Format	Color
Hex	3BB9FF
RGB	59, 185, 255
RGB Percent	23%, 73%, 100%
CMY	0.7686, 0.2745, 0.0000
CMYK	0.77, 0.27, 0.00, 0.00
HSL	201°, 100%, 62%
HSV	201°, 77%, 100%
XYZ	37.2026, 42.8478, 100.9174
YIQ	155.3060, -97.5660, -4.9420

Conversions

Conversions Part 2

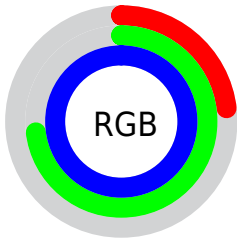
Format	Color
R _{YB}	59, 136, 255
Decimal	3914239
CIE _{Lab}	71.45, -11.20, -44.22
CIE _{LCh}	71, 45.615, 255.789
Y _{xy}	42.8491, 0.2056, 0.2368
Android (android.graphics.Color)	4282104319 (0xFF3BB9FF)
YUV	155.3060, 49.1491, -84.4604
Hunter-Lab	65.4582, -13.1029, -45.5871

Details

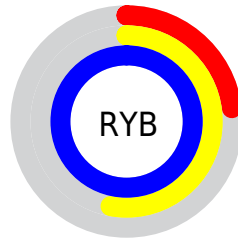
The HunterLab color **65.4582, -13.1029, -45.5871** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light washed azure. A complement of this color would be **61.0574, 38.9782, 34.2857**, and the grayscale version is **57.2137, -3.0528, 3.1085**.

A 20% lighter version of the original color is **86.6701, -29.7934, -11.8359**, and **45.3649, -6.8147, -41.9913** is the 20% darker color. If you saturate the color by 10%, you get **62.0977, -10.3673, -52.2473**, and if you desaturate by 10%, it is **69.1095, -14.8668, -38.8407**.

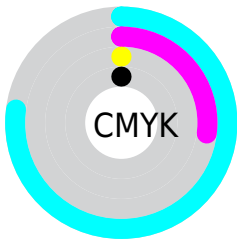
Distribution



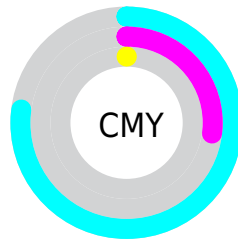
- Red (23%)
- Green (73%)
- Blue (100%)



- Red (23%)
- Yellow (53%)
- Blue (100%)



- Cyan (77%)
- Magenta (27%)
- Yellow (0%)
- Black (0%)



- Cyan (77%)
- Magenta (27%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 65.4582, -13.1029, -45.5871 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 65.4582, -13.1029, -45.5871 by changing the saturation by 10% instead.

65.4582, -13.1029,
-45.5871

65.4582, -13.1029,
-45.5871

189.2065,
-23.9990, -50.6845

54.5589, -11.9195,
-44.8837

89.1533, -15.4697,
-46.9778

44.3414, -10.7302,
-44.2269

101.8840,
-16.6600, -47.6340

34.8559, -9.5266,
-43.6912

115.1689,
-17.8579, -48.2520

26.1638, -8.2962,
-43.4312

128.9858,
-19.0646, -48.8278

18.3457, -7.0180,
-43.7962

143.3148,
-20.2813, -49.3594

11.5129, -5.6520,
-45.7247

158.1383,

4.0099, -7.0174,

-21.5089, -49.8460

-79.7669

173.4404,
-22.7479, -50.2876

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 65.4582, -13.1029,
-45.5871

■ 65.4582, -13.1029,
-45.5871

■ 62.0977, -10.3673,
-52.2473

■ 69.1095, -14.8668,
-38.8407

■ 59.0180, -6.7088,
-58.7947

■ 73.0415, -15.6767,
-32.0625

■ 58.0894, -5.4397,
-60.8640

■ 77.2421, -15.5845,
-25.2963

■ 81.6948, -14.6606,
-18.5783

■ 86.3821, -12.9829,

-11.9349

■ 91.2866, -10.6294,
-5.3828

■ 96.3917, -7.6743,
1.0691

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.



65.4593, -29.3039, -30.3192



65.4582, -13.1029, -45.5871



65.4593, 7.8392, -45.1285

Triad

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



65.4593, -13.1026, -45.5851



65.4593, 39.9926, 13.1634



65.4593, -29.9606, 25.0616

Complementary

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



65.4582, -13.1029, -45.5871



61.0574, 38.9782, 34.2857

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.



65.4593, -14.1092, 30.7676



65.4582, -13.1029, -45.5871



65.4593, 27.0558, 25.5232

Square

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



65.4593, -13.1026, -45.5851



65.4593, 40.3512, -6.5686



65.4593, 6.6981, 30.9046



65.4593, -38.1742, 12.2964

Rectangle

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



65.4582, -13.1029, -45.5871



65.4593, 21.7893, -35.8066



65.4593, 6.6981, 30.9046



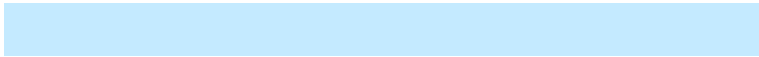
65.4593, -25.4447, 27.6637

Sweetspot

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



65.4593, -13.1026, -45.5851



88.2487, -12.1511, -9.3966



86.0224, -64.5594, 37.8932



40.0185, -5.9835, -5.4472

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



65.4593, -13.1026, -45.5851



60.4799, -8.5935, -55.6293



38.9844, 38.8211, -119.1840



43.9612, -3.9378, -0.2912



42.3372, -4.4924, -43.2200



13.9710, -2.5939, -11.8631

Inverse Universe

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



52.8133, 81.8475, -17.5529



49.7221, 88.4204, -13.8809



87.0360, -10.5602, 50.6262



42.6424, 2.8209, 0.2954



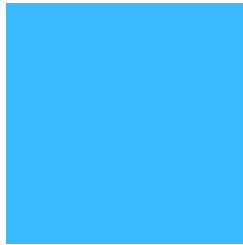
35.4083, 64.6723, -8.3958



11.1427, 20.5177, -3.9280

Previews

White Background



This preview shows how the HunterLab color 65.4582, -13.1029, -45.5871 looks on a white background.

Color Contrast Check

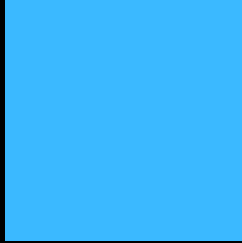
Large Text (above 18pt) WCAG AA × Fail

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 65.4582, -13.1029, -45.5871 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

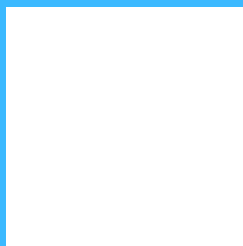
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 65.4582, -13.1029, -45.5871 Background



This preview shows how black text looks on a background with the HunterLab color 65.4582, -13.1029, -45.5871.



This preview shows how white text looks on a background with the HunterLab color 65.4582, -13.1029, -45.5871.

-13.1029, -45.5871.

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

65.4582, -13.1029, -45.5871

Protanopia

64.9898, 6.1686, -37.9272

Deuteranopia

65.2000, 4.9222, -45.7700



Tritanopia

65.3784, -30.9248, -14.9596

Trichromacy



Original Color

65.4582, -13.1029, -45.5871

Protanomaly

64.5597, -2.5505, -41.8213

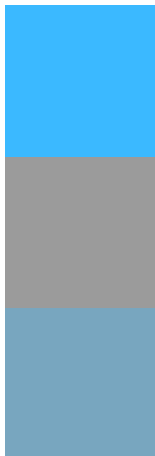
Deuteranomaly

64.7422, -2.7979, -46.7956

Tritanomaly

65.1746, -25.1812, -25.7355

Monochromacy



Original Color

65.4582, -13.1029, -45.5871

Achromatopsia

57.2519, -3.0548, 3.1106

Achromatomaly

59.1837, -10.7201, -13.0977

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 65.4582, -13.1029, -45.5871 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(59, 185, 255)` looks like.

```
.text, #text, p{  
    color:rgb(59, 185, 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(59, 185, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 185, 255) }
```

Border

The CSS property to change the border of an element to HunterLab 65.4582, -13.1029, -45.5871 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(59, 185, 255) }
```


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

```
.border{ border-color:rgb(59, 185, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(59, 185, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 185, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 185, 255);  
box-shadow:4px 4px 4px 4px rgb(59, 185,  
255) }
```

Background

The CSS property to change the background color of an element to HunterLab 65.4582, -13.1029, -45.5871 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 185, 255) }
```

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

```
.background{ background-color: rgb(59, 185,  
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