

Converting Colors

HunterLab(66.7682, -9.6252,
-30.2711)

Have a look what the booklet for
HunterLab(66.7682, -9.6252,
-30.2711) contains.

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Color

**HunterLab(66.8311, -9.8340,
-30.0713)**

Conversions

Conversions Part 1

Format	Color
Hex	76B9ED
RGB	118, 185, 237
RGB Percent	46%, 73%, 93%
CMY	0.5372, 0.2745, 0.0706
CMYK	0.50, 0.22, 0.00, 0.07
HSL	206°, 77%, 70%
HSV	206°, 50%, 93%
XYZ	40.1063, 44.6640, 86.6280
YIQ	170.8950, -56.6240, 1.9680

Conversions

Conversions Part 2

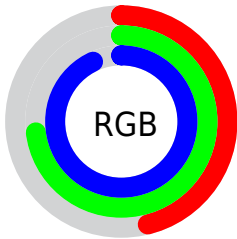
Format	Color
RYB	118, 161, 237
Decimal	7780845
CIELab	72.67, -7.17, -32.44
CIELCh	73, 33.226, 257.533
Yxy	44.6656, 0.2340, 0.2606
Android (android.graphics.Color)	4285970925 (0xFF76B9ED)
YUV	170.8950, 32.5898, -46.3889
Hunter-Lab	66.8311, -9.8340, -30.0713

Details

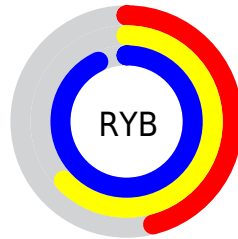
The HunterLab color **66.8311, -9.8340, -30.0713** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **69.3281, 14.0319, 28.3059**, and the grayscale version is **63.6596, -3.3967, 3.4587**.

A 20% lighter version of the original color is **89.0846, -20.8282, -8.4370**, and **45.5393, -7.8196, -28.9921** is the 20% darker color. If you saturate the color by 10%, you get **62.4763, -8.7785, -37.6915**, and if you desaturate by 10%, it is **71.4358, -10.1031, -22.6575**.

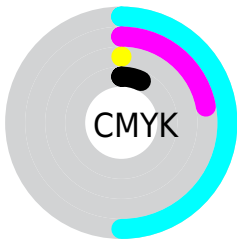
Distribution



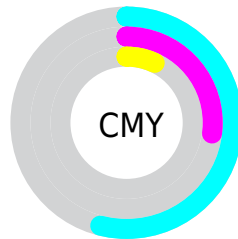
- Red (46%)
- Green (73%)
- Blue (93%)



- Red (46%)
- Yellow (63%)
- Blue (93%)



- Cyan (50%)
- Magenta (22%)
- Yellow (0%)
- Black (7%)



- Cyan (54%)
- Magenta (27%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 66.8311, -9.8340, -30.0713 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 66.8311, -9.8340, -30.0713 by changing the saturation by 10% instead.

■ 66.8311, -9.8340,
-30.0713

■ 66.8311, -9.8340,
-30.0713

191.1590,
-19.1874, -32.8343

■ 55.8517, -8.8697,
-29.5130

■ 90.6744, -11.8023,
-31.0404

■ 45.5486, -7.9155,
-28.9205

■ 103.4739,
-12.8085, -31.4477

■ 35.9708, -6.9680,
-28.3160

■ 116.8247,
-13.8305, -31.8025

■ 27.1782, -6.0212,
-27.7513

130.7050,
-14.8687, -32.1058

■ 19.2484, -5.0649,
-27.3488

145.0952,
-15.9233, -32.3591

■ 12.2880, -4.0796,
-27.4424

159.9779,

■ 5.4380, -6.0379,

-16.9946, -32.5638

-36.2618

175.3373,
-18.0826, -32.7217

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 66.8311, -9.8340,
-30.0713

■ 66.8311, -9.8340,
-30.0713

■ 62.4763, -8.7785,
-37.6915

■ 71.4358, -10.1031,
-22.6575

■ 58.3902, -6.8545,
-45.4967

■ 76.2649, -9.6711,
-15.4636

■ 54.5948, -3.9975,
-53.4411

■ 81.2992, -8.6208,
-8.4860

■ 51.1056, -0.1817,
-61.4651


■ 86.5204, -7.0275,
-1.7147


■ 47.9682, 4.3739,

■ 91.9120, -4.9581,

-69.3982

4.8645

 96.9446, -4.2523,
10.6610

 99.4457, -8.3809,
13.3623

Harmonies

Analogous

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



66.8323, -22.3859, -20.6174



66.8311, -9.8340, -30.0713



66.8323, 5.5743, -29.1281

Triad

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



66.8323, -9.8341, -30.0700



66.8323, 27.0296, 11.5696



66.8323, -24.0143, 19.9797

Complementary

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



66.8311, -9.8340, -30.0713



69.3281, 14.0319, 28.3059

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.



66.8323, -12.2469, 25.2864



66.8311, -9.8340, -30.0713



66.8323, 17.5904, 21.2397

Square

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



66.8323, -9.8341, -30.0700



66.8323, 27.8245, -2.7240



66.8323, 2.9345, 25.6884



66.8323, -30.0619, 9.4299

Rectangle

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



66.8311, -9.8340, -30.0713



66.8323, 15.4167, -22.7347



66.8323, 2.9345, 25.6884



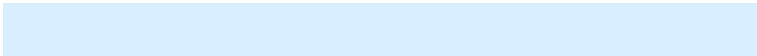
66.8323, -20.6477, 22.3214

Sweetspot

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



66.8323, -9.8341, -30.0700



91.2409, -8.5451, -5.4053



82.0409, -45.7247, 22.4224



41.6583, -4.1182, -3.2231

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



66.8323, -9.8341, -30.0700



67.8765, -9.5345, -40.9815



49.8724, 20.8537, -64.1553



39.9451, -3.1657, -0.5589



35.8166, 2.5611, -50.2963



10.9466, -0.8378, -11.8737

Inverse Universe

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



58.7076, 49.7782, -9.3091



58.6513, 65.0031, -10.8979



86.8270, -15.7825, 41.5211



38.9822, 2.3926, 0.6701



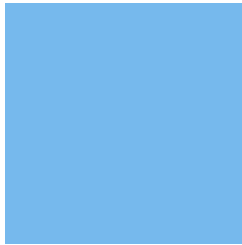
32.8448, 59.1645, -1.3865



9.3080, 16.9555, -1.8557

Previews

White Background



This preview shows how the HunterLab color 66.8311, -9.8340, -30.0713 looks on a white background.

Color Contrast Check

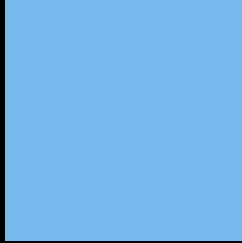
Large Text (above 18pt) WCAG AA × Fail

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 66.8311, -9.8340, -30.0713 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

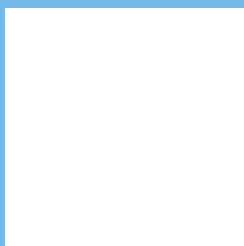
Any Text WCAG AAA ✓ Pass

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

HunterLab 66.8311, -9.8340, -30.0713 Background



This preview shows how black text looks on a background with the HunterLab color 66.8311, -9.8340, -30.0713.



This preview shows how white text looks on a background with the HunterLab color 66.8311, -9.8340,

-30.0713.

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

66.8311, -9.8340, -30.0713

Protanopia

66.4527, 3.8234, -25.7789

Deuteranopia

66.6074, 5.1227, -31.5572



Tritanopia

67.0119, -21.4954, -10.7477

Trichromacy



Original Color

66.8311, -9.8340, -30.0713

Protanomaly

66.5781, -1.5995, -27.6548

Deuteranomaly

66.6581, -0.8890, -30.8890

Tritanomaly

66.9699, -17.5014, -17.1574

Monochromacy



Original Color

66.8311, -9.8340, -30.0713

Achromatopsia

63.8154, -3.4050, 3.4672

Achromatomaly

64.5494, -6.9815, -7.7703

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 66.8311, -9.8340, -30.0713 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(118, 185, 237)` looks like.

```
.text, #text, p{  
    color:rgb(118, 185, 237)  
}
```

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(118, 185, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 185, 237) }
```

Border

The CSS property to change the border of an element to HunterLab 66.8311, -9.8340, -30.0713 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(118, 185, 237) }
```


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

```
.border{ border-color:rgb(118, 185, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 185, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 185, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 185, 237);  
box-shadow:4px 4px 4px 4px rgb(118, 185,  
237) }
```

Background

The CSS property to change the background color of an element to HunterLab 66.8311, -9.8340, -30.0713 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 185, 237) }
```

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

```
.background{ background-color: rgb(118,  
185, 237) }
```

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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