

Converting Colors

HunterLab(69.2467, -20.2915,
-38.6902)

Have a look what the booklet for
HunterLab(69.2467, -20.2915,
-38.6902) contains.

HunterLab(69.3698, -20.4254, -38.4729)	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(69.3698,
-20.4254, -38.4729)**

Conversions

Conversions Part 1

Format	Color
Hex	2BC6FF
RGB	43, 198, 255
RGB Percent	17%, 78%, 100%
CMY	0.8313, 0.2235, 0.0000
CMYK	0.83, 0.22, 0.00, 0.00
HSL	196°, 100%, 58%
HSV	196°, 83%, 100%
XYZ	39.2403, 48.1217, 101.8279
YIQ	158.1530, -110.6770, -15.1330

Conversions

Conversions Part 2

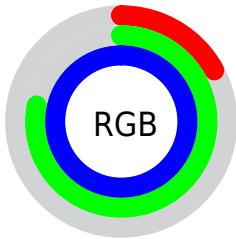
Format	Color
R_{YB}	43, 133, 255
Decimal	2868991
CIE _{Lab}	74.90, -19.51, -38.86
CIE _{LCh}	75, 43.478, 243.338
Yxy	48.1233, 0.2074, 0.2544
Android (android.graphics.Color)	4281059071 (0xFF2BC6FF)
YUV	158.1530, 47.7456, -100.9892
Hunter-Lab	69.3698, -20.4254, -38.4729

Details

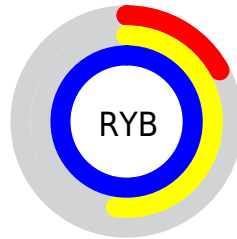
The HunterLab color **69.3698, -20.4254, -38.4729** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light washed cyan. A complement of this color would be **55.2745, 52.5797, 32.5266**, and the grayscale version is **58.3829, -3.1152, 3.1721**.

A 20% lighter version of the original color is **91.1592, -37.6019, -6.0194**, and **49.0140, -12.3326, -34.6408** is the 20% darker color. If you saturate the color by 10%, you get **66.8350, -18.2684, -43.0638**, and if you desaturate by 10%, it is **72.1547, -21.7057, -33.6585**.

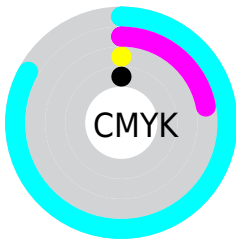
Distribution



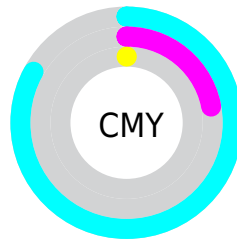
- Red (17%)
- Green (78%)
- Blue (100%)



- Red (17%)
- Yellow (52%)
- Blue (100%)



- Cyan (83%)
- Magenta (22%)
- Yellow (0%)
- Black (0%)



- Cyan (83%)
- Magenta (22%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 69.3698, -20.4254, -38.4729 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 69.3698, -20.4254, -38.4729 by changing the saturation by 10% instead.

69.3698, -20.4254,
-38.4729

69.3698, -20.4254,
-38.4729

194.7513,
-34.5878, -42.4821

58.2448, -18.7860,
-37.8170

93.4815, -23.6300,
-39.6830

47.7866, -17.1091,
-37.1550

106.4061,
-25.2091, -40.2250

38.0423, -15.3792,
-36.5244

119.8769,
-26.7790, -40.7199

29.0685, -13.5734,
-36.0050

133.8726,
-28.3430, -41.1667

20.9382, -11.6545,
-35.7731

148.3741,
-29.9039, -41.5655

13.7501, -9.5569,
-36.2763

163.3645,

7.3672, -11.9331,

-31.4639, -41.9170

-40.8573

178.8282,
-33.0247, -42.2222

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 69.3698, -20.4254,
-38.4729

■ 69.3698, -20.4254,
-38.4729

■ 66.8350, -18.2684,
-43.0638

■ 72.1547, -21.7057,
-33.6585

■ 65.2082, -16.3882,
-46.1272

■ 75.1968, -22.0670,
-28.6452

■ 78.4978, -21.5142,
-23.4647

■ 82.0513, -20.0838,
-18.1552

■ 85.8477, -17.8309,

-12.7533

■ 89.8748, -14.8207,
-7.2914

■ 94.1194, -11.1222,
-1.7963

■ 98.5683, -6.8037,
3.7105

■ 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.



69.3709, -33.4967, -19.9883



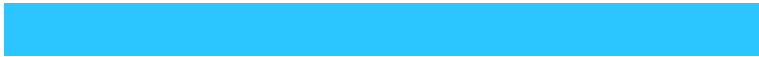
69.3698, -20.4254, -38.4729



69.3709, -1.4092, -44.6863

Triad

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



69.3709, -20.4252, -38.4709



69.3709, 39.9005, 5.9112



69.3709, -23.9508, 28.2544

Complementary

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



69.3698, -20.4254, -38.4729



55.2745, 52.5797, 32.5266

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.



69.3709, -5.9717, 31.6302



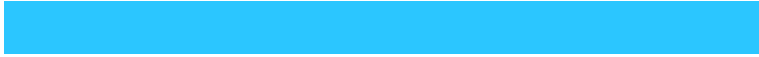
69.3698, -20.4254, -38.4729



69.3709, 32.1552, 21.2948

Square

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



69.3709, -20.4252, -38.4709



69.3709, 34.8951, -15.1164



69.3709, 14.7656, 29.5084



69.3709, -35.3613, 18.5048

Rectangle

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



69.3698, -20.4254, -38.4729



69.3709, 12.5082, -39.9016



69.3709, 14.7656, 29.5084



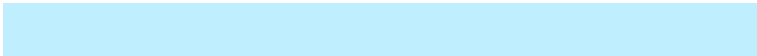
69.3709, -18.5539, 30.0206

Sweetspot

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



69.3709, -20.4252, -38.4709



89.1042, -15.4385, -8.3168



85.4081, -67.8810, 43.1492



40.5640, -7.6483, -4.7367

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



69.3709, -20.4252, -38.4709



65.2082, -16.3882, -46.1272



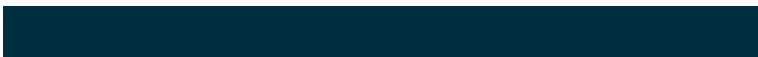
39.3350, 35.1569, -117.7497



44.2793, -4.4531, 0.0921



47.4108, -12.2474, -32.8209



15.3922, -4.6792, -9.1378

Inverse Universe

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



52.0256, 88.3895, -27.2822



49.8234, 92.4764, -23.2495



80.8426, -0.9649, 48.1202



42.6756, 2.9988, -0.1766



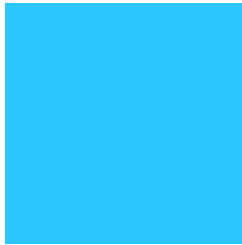
36.0515, 66.9770, -17.3058



11.3301, 21.1868, -6.5050

Previews

White Background



This preview shows how the HunterLab color 69.3698, -20.4254, -38.4729 looks on a white background.

Color Contrast Check

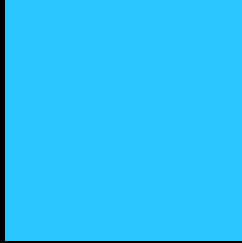
Large Text (above 18pt) WCAG AA × Fail

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 69.3698, -20.4254, -38.4729 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

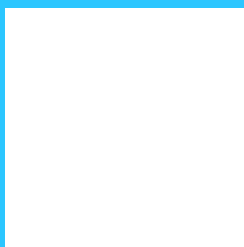
Any Text WCAG AAA ✓ Pass

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

HunterLab 69.3698, -20.4254, -38.4729 Background



This preview shows how black text looks on a background with the HunterLab color 69.3698, -20.4254, -38.4729.



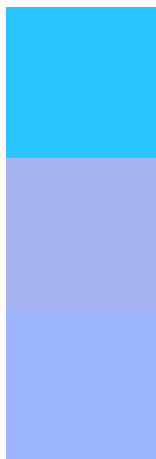
This preview shows how white text looks on a background with the HunterLab color 69.3698,

-20.4254, -38.4729.

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

69.3698, -20.4254, -38.4729

Protanopia

68.9678, 4.2546, -29.6445

Deuteranopia

68.8737, 5.1128, -38.9140



Tritanopia

69.1566, -32.8999, -15.4184

Trichromacy



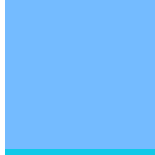
Original Color

69.3698, -20.4254, -38.4729



Protanomaly

68.0595, -7.7862, -34.8557



Deuteranomaly

68.1716, -6.6497, -40.3914



Tritanomaly

69.0722, -28.7068, -23.4725

Monochromacy



Original Color

69.3698, -20.4254, -38.4729



Achromatopsia

58.4734, -3.1200, 3.1770



Achromatomaly

61.1967, -14.4220, -11.4235

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 69.3698, -20.4254, -38.4729 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(43, 198, 255)` looks like.

```
.text, #text, p{  
    color:rgb(43, 198, 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(43, 198, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(43, 198, 255) }
```

Border

The CSS property to change the border of an element to HunterLab 69.3698, -20.4254, -38.4729 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(43, 198, 255) }
```


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

```
.border{ border-color:rgb(43, 198, 255) }
```

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

Here you see how a box with a 4 pixel rgb(43, 198, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(43, 198, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(43, 198, 255);  
box-shadow:4px 4px 4px 4px rgb(43, 198,  
255) }
```

Background

The CSS property to change the background color of an element to HunterLab 69.3698, -20.4254, -38.4729 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(43, 198, 255) }
```

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

```
.background{ background-color: rgb(43, 198,  
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