

Converting Colors

HunterLab(87.2160, -43.1602,
-11.3285)

Have a look what the booklet for
HunterLab(87.2160, -43.1602,
-11.3285) contains.

HunterLab(87.3470, -43.3201, -11.1540)	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(87.3470,
-43.3201, -11.1540)**

Conversions

Conversions Part 1

Format	Color
Hex	33FAFF
RGB	51, 250, 255
RGB Percent	20%, 98%, 100%
CMY	0.7999, 0.0196, 0.0000
CMYK	0.80, 0.02, 0.00, 0.00
HSL	181°, 100%, 60%
HSV	181°, 80%, 100%
XYZ	53.6008, 76.2950, 106.5090
YIQ	191.0690, -120.2090, -40.6330

Conversions

Conversions Part 2

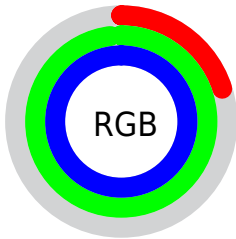
Format	Color
RYB	51, 152, 255
Decimal	3406591
CIELab	90.00, -43.79, -15.78
CIElCh	90, 46.544, 199.820
Yxy	76.2977, 0.2267, 0.3227
Android (android.graphics.Color)	4281596671 (0xFF33FAFF)
YUV	191.0690, 31.5180, -122.8405
Hunter-Lab	87.3470, -43.3201, -11.1540

Details

The HunterLab color **87.3470, -43.3201, -11.1540** is a light color, and the websafe version is hex **33FFFF**. The color can be described as light washed cyan. A complement of this color would be **49.3244, 70.2100, 27.8553**, and the grayscale version is **72.1199, -3.8481, 3.9184**.

A 20% lighter version of the original color is **91.5469, -36.1175, -5.4939**, and **64.9747, -33.3138, -9.2979** is the 20% darker color. If you saturate the color by 10%, you get **86.8442, -44.1576, -11.8503**, and if you desaturate by 10%, it is **88.0569, -41.6908, -10.1705**.

Distribution



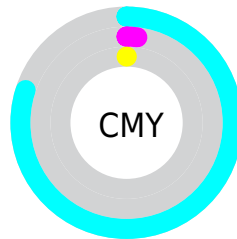
- Red (20%)
- Green (98%)
- Blue (100%)



- Red (20%)
- Yellow (60%)
- Blue (100%)



- Cyan (80%)
- Magenta (2%)
- Yellow (0%)
- Black (0%)





- Cyan (80%)
- Magenta (2%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 87.3470, -43.3201, -11.1540 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 87.3470, -43.3201, -11.1540 by changing the saturation by 10% instead.


 87.3470, -43.3201,
-11.1540


 87.3470, -43.3201,
-11.1540


219.6284,
-66.7185, -8.8523


 75.2839, -40.4300,
-11.1724


 113.2023,
-48.8559, -10.9506


 63.8324, -37.4329,
-11.1342


 126.9430,
-51.5275, -10.7763

 53.0287, -34.3028,
-11.0330


 141.1987,
-54.1484, -10.5566

 42.9144, -31.0034,
-10.8641

 155.9513,
-56.7263, -10.2938

 33.5401, -27.4821,
-10.6227

171.1847,
-59.2674, -9.9902

 24.9697, -23.6592,
-10.3064

186.8841,

 17.2870, -19.4055,

-61.7770, -9.6477

-9.9207

203.0361,
-64.2594, -9.2678

■ 10.6098, -18.5672,
-9.5036

0.0000, NaN, -NF

■ 87.3470, -43.3201,
-11.1540

■ 87.3470, -43.3201,
-11.1540

■ 86.8442, -44.1576,
-11.8503

■ 88.0569, -41.6908,
-10.1705

■ 86.4984, -44.3733,
-12.3254

■ 88.9934, -39.1878,
-8.8792

■ 86.4982, -44.3734,
-12.3258

■ 90.1752, -35.7684,
-7.2650

■ 91.6137, -31.4206,
-5.3259

■ 93.3150, -26.1586,
-3.0690

■ 95.2816, -20.0189,
-0.5091

■ 97.5119, -13.0545,
2.3337

■ 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.



87.3486, -44.9232, 12.0315



87.3470, -43.3201, -11.1540



87.3486, -32.0081, -34.9836

Triad

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



87.3486, -43.3205, -11.1520



87.3486, 32.7015, -27.8606



87.3486, 3.4841, 37.4188

Complementary

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



87.3470, -43.3201, -11.1540



49.3244, 70.2100, 27.8553

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.



87.3486, 26.5186, 31.6824



87.3470, -43.3201, -11.1540



87.3486, 44.5322, -3.2078

Square

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



87.3486, -43.3205, -11.1520



87.3486, 11.2282, -46.2643



87.3486, 42.1568, 18.1381



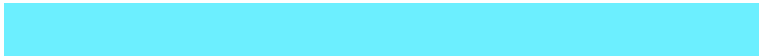
87.3486, -19.4980, 36.3509

Rectangle

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



87.3470, -43.3201, -11.1540



87.3486, -19.7466, -46.1224



87.3486, 42.1568, 18.1381



87.3486, 11.5140, 36.2975

Sweetspot

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



87.3486, -43.3205, -11.1520



94.4617, -22.5815, -1.5701



85.1437, -69.7516, 48.7778



43.3816, -11.4485, -1.1447

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



87.3486, -43.3205, -11.1520



86.6253, -44.3309, -12.1514



54.4174, 4.0294, -69.4768



45.1670, -5.8730, 1.1471



62.5533, -32.1087, -8.8727



19.5783, -10.0904, -2.6888

Inverse Universe

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



55.2554, 96.0981, -61.3190



53.2177, 102.9197, -65.2579



67.3896, 24.5596, 39.1977



42.7694, 3.5006, -1.5079



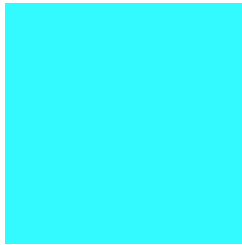
38.3120, 74.9265, -47.4601



11.9645, 23.4138, -14.9365

Previews

White Background



This preview shows how the HunterLab color 87.3470, -43.3201, -11.1540 looks on a white background.

Color Contrast Check

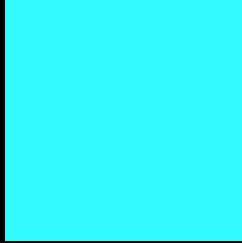
Large Text (above 18pt) WCAG AA × Fail

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 87.3470, -43.3201, -11.1540 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

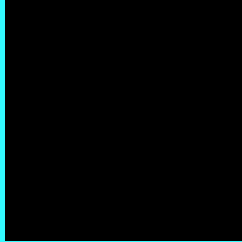
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

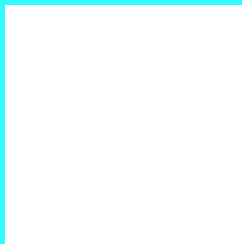
Any Text WCAG AAA ✓ Pass

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

HunterLab 87.3470, -43.3201, -11.1540 Background



This preview shows how black text looks on a background with the HunterLab color 87.3470, -43.3201, -11.1540.



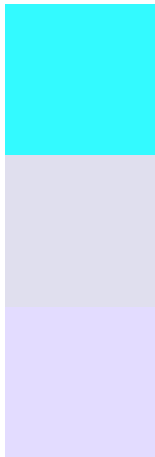
This preview shows how white text looks on a background with the HunterLab color 87.3470,

-43.3201, -11.1540.

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

87.3470, -43.3201, -11.1540

Protanopia

86.4845, -1.5858, -2.1903

Deuteranopia

86.4507, 4.2325, -11.5396



Tritanopia

87.1099, -28.1405, -11.2092

Trichromacy



Original Color

87.3470, -43.3201, -11.1540



Protanomaly

85.0803, -22.6611, -7.6144



Deuteranomaly

84.9461, -18.9400, -14.0218



Tritanomaly

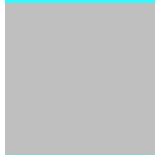
86.7021, -34.9811, -11.8831

Monochromacy



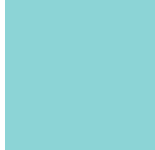
Original Color

87.3470, -43.3201, -11.1540



Achromatopsia

72.1800, -3.8513, 3.9217



Achromatomaly

75.8403, -23.2853, -3.4104

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 87.3470, -43.3201, -11.1540 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(51, 250, 255)` looks like.

```
.text, #text, p{  
    color:rgb(51, 250, 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(51, 250, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 250, 255) }
```

Border

The CSS property to change the border of an element to HunterLab 87.3470, -43.3201, -11.1540 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(51, 250, 255) }
```


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

```
.border{ border-color:rgb(51, 250, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 250, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 250, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 250, 255);  
box-shadow:4px 4px 4px 4px rgb(51, 250,  
255) }
```

Background

The CSS property to change the background color of an element to HunterLab 87.3470, -43.3201, -11.1540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 250, 255) }
```

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

```
.background{ background-color: rgb(51, 250,  
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