

Converting Colors

HunterLab(83.4396, -37.3326,
-5.7282)

Have a look what the booklet for
HunterLab(83.4396, -37.3326,
-5.7282) contains.

HunterLab(83.6149, -37.5152, -5.4044)	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(83.6149,
-37.5152, -5.4044)**

Conversions

Conversions Part 1

Format	Color
Hex	64EEEC
RGB	100, 238, 236
RGB Percent	39%, 93%, 93%
CMY	0.6078, 0.0667, 0.0745
CMYK	0.58, 0.00, 0.01, 0.07
HSL	179°, 80%, 66%
HSV	179°, 58%, 93%
XYZ	50.9704, 69.9145, 90.1654
YIQ	196.5100, -81.6060, -29.8780

Conversions

Conversions Part 2

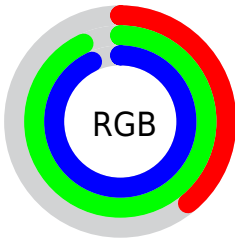
Format	Color
RYB	100, 170, 238
Decimal	6614764
CIELab	86.96, -37.55, -10.30
CIELCh	87, 38.937, 195.342
Yxy	69.9172, 0.2415, 0.3313
Android (android.graphics.Color)	4284804844 (0xFF64EEEC)
YUV	196.5100, 19.4686, -84.6393
Hunter-Lab	83.6149, -37.5152, -5.4044

Details

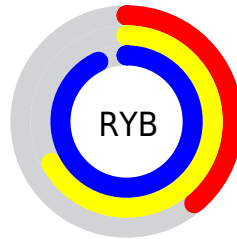
The HunterLab color **83.6149, -37.5152, -5.4044** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **53.1534, 48.7569, 19.5824**, and the grayscale version is **74.4607, -3.9730, 4.0456**.

A 20% lighter version of the original color is **93.0196, -30.5414, -3.5187**, and **60.6334, -32.5363, -5.4309** is the 20% darker color. If you saturate the color by 10%, you get **82.9050, -40.3091, -6.1856**, and if you desaturate by 10%, it is **84.5567, -33.8725, -4.3191**.

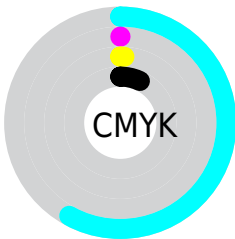
Distribution



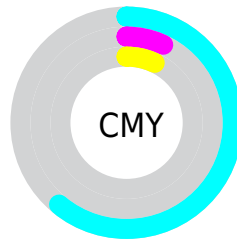
- Red (39%)
- Green (93%)
- Blue (93%)



- Red (39%)
- Yellow (67%)
- Blue (93%)



- Cyan (58%)
- Magenta (0%)
- Yellow (1%)
- Black (7%)





- Cyan (61%)
- Magenta (7%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 83.6149, -37.5152, -5.4044 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 83.6149, -37.5152, -5.4044 by changing the saturation by 10% instead.


 83.6149, -37.5152,
-5.4044

 83.6149, -37.5152,
-5.4044


214.5365,
-58.5649, -1.5915

 71.7349, -34.9420,
-5.6122


 109.1287,
-42.4595, -4.8381

 60.4765, -32.2787,
-5.7669


 122.7089,
-44.8535, -4.4884

 49.8777, -29.5019,
-5.8624


 136.8099,
-47.2071, -4.0974

 39.9826, -26.5781,
-5.8928

151.4132,
-49.5270, -3.6673

 30.8453, -23.4583,
-5.8508

166.5020,
-51.8186, -3.2000

 22.5347, -20.0657,
-5.7279

182.0612,

 15.1433, -16.2717,

-54.0864, -2.6973

-5.5156

198.0769,
-56.3341, -2.1607

■ 8.7755, -15.3572,
-5.2705

0.0000, NaN, -NF

■ 83.6149, -37.5152,
-5.4044

■ 83.6149, -37.5152,
-5.4044

■ 82.9050, -40.3091,
-6.1856

■ 84.5567, -33.8725,
-4.3191

■ 82.4065, -42.2899,
-6.6809


■ 85.7363, -29.3706,
-2.9277


■ 82.0993, -43.5266,
-6.9150


■ 87.1617, -24.0247,
-1.2321


■ 81.9503, -44.1408,
-6.9318


■ 88.8358, -17.8696,
0.7579


 81.9289, -44.2305,
-6.9231

 90.7578, -10.9556,
3.0265

 92.9243, -3.3442,
5.5540

 94.1323, 0.8312,
6.8665

 94.1431, 0.8898,
6.7120

 94.1540, 0.9485,
6.5573

Harmonies

Analogous

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



83.6165, -37.6124, 13.0503



83.6149, -37.5152, -5.4044



83.6165, -29.1268, -24.8635

Triad

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



83.6165, -37.5156, -5.4032



83.6165, 23.7879, -24.4628



83.6165, 5.1942, 32.1403

Complementary

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



83.6149, -37.5152, -5.4044



53.1534, 48.7569, 19.5824

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.



83.6165, 23.4319, 26.0815



83.6149, -37.5152, -5.4044



83.6165, 34.8135, -4.9451

Square

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



83.6165, -37.5156, -5.4032



83.6165, 5.6452, -37.4617



83.6165, 34.6775, 13.4152



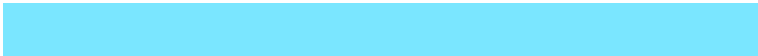
83.6165, -14.1186, 32.0720

Rectangle

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



83.6149, -37.5152, -5.4044



83.6165, -19.4813, -34.5947



83.6165, 34.6775, 13.4152



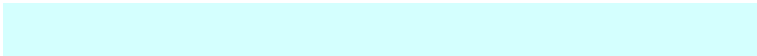
83.6165, 11.6897, 30.8264

Sweetspot

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



83.6165, -37.5156, -5.4032



96.2521, -18.6723, 1.0325



80.5694, -55.9429, 39.7936



44.3494, -9.2982, 0.2628

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



83.6165, -37.5156, -5.4032



89.5161, -44.1563, -6.8381



61.7448, -5.9745, -39.7335



42.3377, -5.6344, 1.2495



61.1953, -33.0275, -5.1918



17.6540, -9.5047, -1.5481

Inverse Universe

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



53.1534, 48.7569, 19.5824



52.0229, 64.3015, 24.7321



68.2844, 14.6733, 31.8634



39.7021, 1.4775, 3.2869



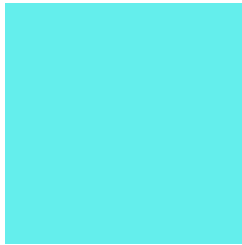
31.8541, 54.5695, 20.4413



9.1947, 15.7656, 5.7910

Previews

White Background



This preview shows how the HunterLab color 83.6149, -37.5152, -5.4044 looks on a white background.

Color Contrast Check

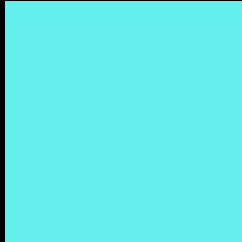
Large Text (above 18pt) WCAG AA × Fail

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 83.6149, -37.5152, -5.4044 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

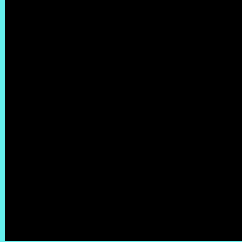
Any Text WCAG AA ✓ Pass

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 83.6149, -37.5152, -5.4044 Background



This preview shows how black text looks on a background with the HunterLab color 83.6149, -37.5152, -5.4044.



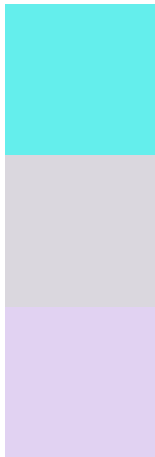
This preview shows how white text looks on a background with the HunterLab color 83.6149,

-37.5152, -5.4044.

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

83.6149, -37.5152, -5.4044

Protanopia

82.9338, -2.2231, 1.6593

Deuteranopia

82.7717, 6.3764, -9.0578



Tritanopia

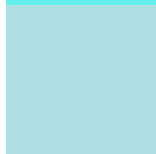
83.5228, -31.2250, -15.6416

Trichromacy



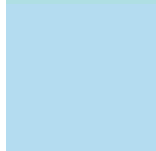
Original Color

83.6149, -37.5152, -5.4044



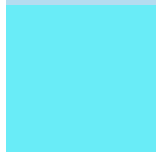
Protanomaly

82.1190, -17.7830, -2.1799



Deuteranomaly

81.9640, -12.4568, -9.3452



Tritanomaly

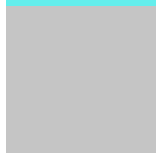
83.4923, -33.6361, -11.6293

Monochromacy



Original Color

83.6149, -37.5152, -5.4044



Achromatopsia

74.7222, -3.9870, 4.0598



Achromatomaly

77.1178, -18.7573, -0.1899

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 83.6149, -37.5152, -5.4044 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(100, 238, 236)` looks like.

```
.text, #text, p{  
    color:rgb(100, 238, 236)  
}
```

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(100, 238, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 238, 236) }
```

Border

The CSS property to change the border of an element to HunterLab 83.6149, -37.5152, -5.4044 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(100, 238, 236) }
```


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

```
.border{ border-color:rgb(100, 238, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(100, 238, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 238, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 238, 236);  
box-shadow:4px 4px 4px 4px rgb(100, 238,  
236) }
```

Background

The CSS property to change the background color of an element to HunterLab 83.6149, -37.5152, -5.4044 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 238, 236) }
```

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

```
.background{ background-color: rgb(100,  
238, 236) }
```

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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