

Converting Colors

HunterLab(87.6078, -53.8249,
6.7938)

Have a look what the booklet for
HunterLab(87.6078, -53.8249,
6.7938) contains.

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Color

**HunterLab(87.6127,
-53.7990, 6.7520)**

Conversions

Conversions Part 1

Format	Color
Hex	03FFDD
RGB	3, 255, 221
RGB Percent	1%, 100%, 87%
CMY	0.9880, 0.0000, 0.1333
CMYK	0.99, 0.00, 0.13, 0.00
HSL	172°, 100%, 51%
HSV	172°, 99%, 100%
XYZ	48.8487, 76.7599, 80.6481
YIQ	175.7760, -139.2780, -63.9980

Conversions

Conversions Part 2

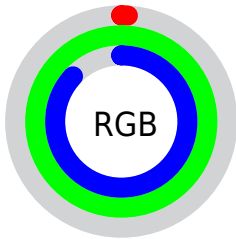
Format	Color
R_{YB}	3, 138, 255
Decimal	262109
CIE _{Lab}	90.21, -57.30, 2.16
CIE _{LCh}	90, 57.340, 177.836
Yxy	76.7603, 0.2368, 0.3722
Android (android.graphics.Color)	4278452189 (0xFF03FFDD)
YUV	175.7760, 22.2954, -151.5246
Hunter-Lab	87.6127, -53.7990, 6.7520

Details

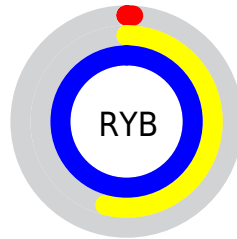
The HunterLab color **87.6127, -53.7990, 6.7520** is a light color, and the websafe version is hex **33FFCC**. The color can be described as light saturated cyan. A complement of this color would be **46.3252, 79.2543, 27.6870**, and the grayscale version is **65.7561, -3.5086, 3.5727**.

A 20% lighter version of the original color is **90.8799, -38.6755, -6.3994**, and **65.3343, -40.9802, 6.8024** is the 20% darker color. If you saturate the color by 10%, you get **87.5892, -53.9190, 6.9168**, and if you desaturate by 10%, it is **87.8525, -52.6206, 5.4070**.

Distribution



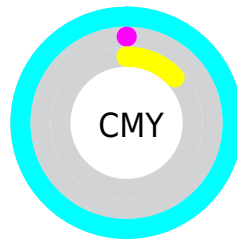
- Red (1%)
- Green (100%)
- Blue (87%)



- Red (1%)
- Yellow (54%)
- Blue (100%)



- Cyan (99%)
- Magenta (0%)
- Yellow (13%)
- Black (0%)





- Cyan (99%)
- Magenta (0%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 87.6127, -53.7990, 6.7520 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 87.6127, -53.7990, 6.7520 by changing the saturation by 10% instead.


 87.6127, -53.7990,
6.7520


 87.6127, -53.7990,
6.7520


219.9878,
-82.5853, 14.6836


 75.5355, -50.1529,
5.9960


 113.4905,
-60.7192, 8.3426


 64.0705, -46.3507,
5.2686


 127.2425,
-64.0334, 9.1770

 53.2526, -42.3547,
4.5701


 141.5089,
-67.2689, 10.0362

 43.1231, -38.1147,
3.9013

 156.2720,
-70.4364, 10.9196

 33.7324, -33.5593,
3.2631

171.5155,
-73.5449, 11.8266

 25.1439, -28.5827,
2.6562

187.2247,

 17.4412, -23.0724,

-76.6018, 12.7566

2.0805

203.3863,
-79.6135, 13.7091

■ 10.7409, -18.7967,
1.5342

■ 1.5290, -2.6757,
1.0703

■ 87.6127, -53.7990,
6.7520

■ 87.6127, -53.7990,
6.7520

■ 87.5892, -53.9190,
6.9168

■ 87.8525, -52.6206,
5.4070

■ 88.2615, -50.7653,
4.2483

■ 88.8787, -48.0891,
3.3312

■ 89.7281, -44.5189,
2.6926

■ 90.8269, -40.0189,
2.3595

■ 92.1864, -34.5849,
2.3496

■ 93.8132, -28.2393,
2.6716

■ 95.7099, -21.0261,
3.3265

■ 97.8752, -13.0057,
4.3082

Harmonies

Analogous

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



87.6129, -47.1242, 28.6000



87.6127, -53.7990, 6.7520



87.6129, -48.8006, -23.8443

Triad

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



87.6129, -53.7978, 6.7514



87.6129, 22.9554, -56.4233



87.6129, 27.0794, 38.8772

Complementary

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



87.6127, -53.7990, 6.7520



46.3252, 79.2543, 27.6870

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.



87.6129, 50.3819, 26.1275



87.6127, -53.7990, 6.7520



87.6129, 47.7912, -28.4911

Square

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



87.6129, -53.7978, 6.7514



87.6129, -6.7783, -66.6690



87.6129, 58.4097, 2.7392



87.6129, -2.5608, 42.9818

Rectangle

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



87.6127, -53.7990, 6.7520



87.6129, -39.1067, -44.4605



87.6129, 58.4097, 2.7392



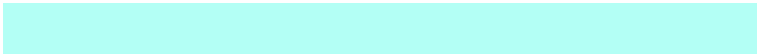
87.6129, 36.0517, 35.7177

Sweetspot

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



87.6129, -53.7978, 6.7514



93.6040, -29.0468, 2.6154



84.8499, -71.3121, 50.9743



42.9793, -14.7059, 1.1362

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



87.6129, -53.7978, 6.7514



87.5892, -53.9190, 6.9168



59.0010, -6.8211, -58.8343



45.2071, -6.2896, 1.9564



63.3273, -38.8977, 4.8153



19.7887, -11.9670, 1.0992

Inverse Universe

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



46.3252, 79.2543, 27.6870



46.2362, 79.4359, 27.9005



53.6558, 55.8668, 33.9435



42.4582, 1.8315, 2.9204



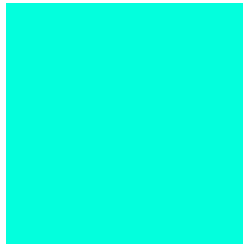
33.4403, 57.4880, 19.8993



10.4904, 18.1448, 5.3856

Previews

White Background



This preview shows how the HunterLab color 87.6127, -53.7990, 6.7520 looks on a white background.

Color Contrast Check

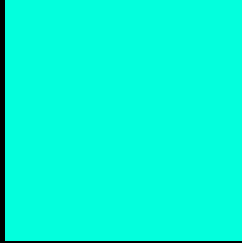
Large Text (above 18pt) WCAG AA × Fail

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 87.6127, -53.7990, 6.7520 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

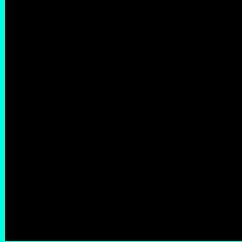
Any Text WCAG AA ✓ Pass

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 87.6127, -53.7990, 6.7520 Background



This preview shows how black text looks on a background with the HunterLab color 87.6127, -53.7990, 6.7520.



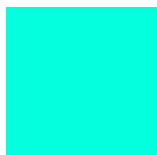
This preview shows how white text looks on a background with the HunterLab color 87.6127, -53.7990, 6.7520.

-53.7990, 6.7520.

Color Blindness Simulation

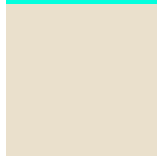
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



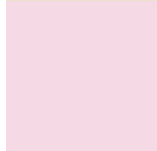
Original Color

87.6127, -53.7990, 6.7520



Protanopia

86.6968, -4.5361, 14.2751



Deuteranopia

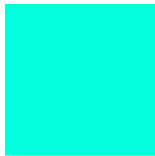
86.7251, 6.4480, 2.8740



Tritanopia

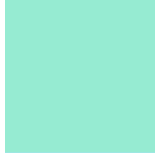
87.2642, -27.5630, -10.9902

Trichromacy



Original Color

87.6127, -53.7990, 6.7520



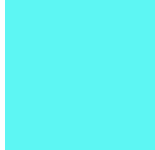
Protanomaly

83.9963, -32.4110, 8.1522



Deuteranomaly

83.5529, -26.1365, -0.0302



Tritanomaly

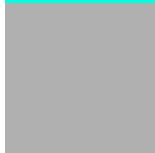
86.4348, -40.4710, -5.6123

Monochromacy



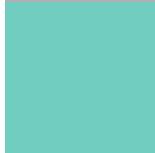
Original Color

87.6127, -53.7990, 6.7520



Achromatopsia

65.8903, -3.5157, 3.5799



Achromatomaly

71.3997, -29.5595, 2.0675

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 87.6127, -53.7990, 6.7520 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(3, 255, 221)` looks like.

```
.text, #text, p{  
    color:rgb(3, 255, 221)  
}
```

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(3, 255, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(3, 255, 221) }
```

Border

The CSS property to change the border of an element to HunterLab 87.6127, -53.7990, 6.7520 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(3, 255, 221) }
```


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

```
.border{ border-color:rgb(3, 255, 221) }
```

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

Here you see how a box with a 4 pixel rgb(3, 255, 221) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(3, 255, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(3, 255, 221);  
box-shadow:4px 4px 4px 4px rgb(3, 255,  
221) }
```

Background

The CSS property to change the background color of an element to HunterLab 87.6127, -53.7990, 6.7520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(3, 255, 221) }
```

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

```
.background{ background-color: rgb(3, 255,  
221) }
```

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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