

Converting Colors

HunterLab(96.7089, -66.0222,
32.3381)

Have a look what the booklet for
HunterLab(96.7089, -66.0222,
32.3381) contains.

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Color

**HunterLab(87.5292,
-56.3820, 24.0595)**

Conversions

Conversions Part 1

Format	Color
Hex	53FFB3
RGB	83, 255, 179
RGB Percent	33%, 100%, 70%
CMY	0.6745, 0.0000, 0.2980
CMYK	0.67, 0.00, 0.30, 0.00
HSL	153°, 100%, 66%
HSV	153°, 67%, 100%
XYZ	47.4639, 76.6136, 54.9341
YIQ	194.9080, -78.1160, -60.1000

Conversions

Conversions Part 2

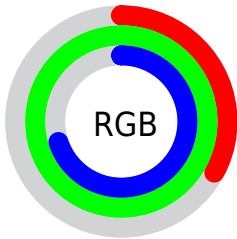
Format	Color
RYB	83, 193, 255
Decimal	5504947
CIELab	90.14, -60.83, 23.79
CIELCh	90, 65.315, 158.642
Yxy	76.6140, 0.2651, 0.4280
Android (android.graphics.Color)	4283695027 (0xFF53FFB3)
YUV	194.9080, -7.8426, -98.1433
Hunter-Lab	87.5292, -56.3820, 24.0595

Details

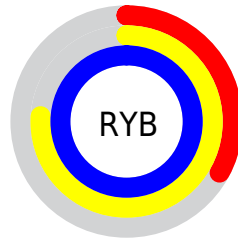
The HunterLab color **87.5292, -56.3820, 24.0595** is a light color, and the websafe version is hex **33FFCC**. The color can be described as light muted spring green. A complement of this color would be **54.7270, 69.2400, -0.6020**, and the grayscale version is **73.8908, -3.9426, 4.0146**.

A 20% lighter version of the original color is **91.6527, -37.0467, 4.9830**, and **64.3730, -46.8459, 20.6662** is the 20% darker color. If you saturate the color by 10%, you get **86.7306, -60.1533, 27.1534**, and if you desaturate by 10%, it is **88.5829, -51.5878, 20.9718**.

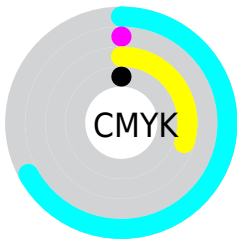
Distribution



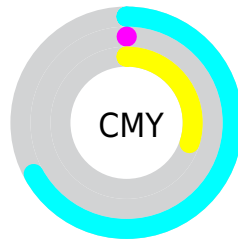
- Red (33%)
- Green (100%)
- Blue (70%)



- Red (33%)
- Yellow (76%)
- Blue (100%)



- Cyan (67%)
- Magenta (0%)
- Yellow (30%)
- Black (0%)





- Cyan (67%)
- Magenta (0%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 87.5292, -56.3820, 24.0595 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 87.5292, -56.3820, 24.0595 by changing the saturation by 10% instead.


 87.5292, -56.3820,
24.0595


 87.5292, -56.3820,
24.0595


219.8742,
-86.6086, 39.8639


 75.4560, -52.5336,
22.2126


 113.3995,
-63.6743, 27.6619


 63.9953, -48.5146,
20.3242


 127.1479,
-67.1605, 29.4322

 53.1819, -44.2851,
18.3801


 141.4109,
-70.5602, 31.1883

 43.0571, -39.7910,
16.3617

 156.1707,
-73.8852, 32.9338

 33.6716, -34.9561,
14.2426

171.4110,
-77.1450, 34.6719

 25.0889, -29.6677,
11.9829

187.1171,

 17.3925, -23.9236,

-80.3478, 36.4049

9.5667

203.2756,
-83.5004, 38.1350

■ 10.6995, -18.7241,
7.4896

■ 1.2610, -2.2068,
0.8827

■ 87.5292, -56.3820,
24.0595

■ 87.5292, -56.3820,
24.0595

■ 86.7306, -60.1533,
27.1534

■ 88.5829, -51.5878,
20.9718

■ 86.1646, -62.9592,
30.2063

■ 89.9061, -45.7596,
17.9388

■ 85.7977, -64.9137,
33.1640

■ 91.5078, -38.9177,
15.0023

■ 85.7221, -65.3324,
33.8886

■ 93.3919, -31.1110,
12.2002

■ 95.5581, -22.4090,
9.5641

■ 98.0024, -12.8957,
7.1191

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.



87.5294, -40.9551, 40.0709



87.5292, -56.3820, 24.0595



87.5294, -59.0963, -4.8226

Triad

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



87.5294, -56.3812, 24.0588



87.5294, 5.0879, -78.6378



87.5294, 50.7460, 34.7501

Complementary

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



87.5292, -56.3820, 24.0595



54.7270, 69.2400, -0.6020

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.



87.5294, 67.4955, 13.3765



87.5292, -56.3820, 24.0595



87.5294, 38.6860, -56.8881

Square

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



87.5294, -56.3812, 24.0588



87.5294, -26.6546, -72.3858



87.5294, 62.7818, -20.2581



87.5294, 19.7132, 44.4569

Rectangle

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



87.5292, -56.3820, 24.0595



87.5294, -53.7914, -29.4800



87.5294, 62.7818, -20.2581



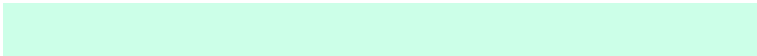
87.5294, 58.4283, 29.0864

Sweetspot

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



87.5294, -56.3812, 24.0588



94.9790, -24.7093, 10.2192



89.2523, -52.3956, 48.6426



43.6561, -12.5752, 5.0684

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



87.5294, -56.3812, 24.0588



86.5044, -61.2559, 28.2448



86.7263, -39.1971, -11.9240



45.0976, -6.8993, 3.5184



61.9894, -47.0734, 24.1366



19.3997, -14.3380, 6.7038

Inverse Universe

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



54.7270, 69.2400, -0.6020



50.2951, 78.8889, 3.2539



54.2867, 58.2052, 25.5314



42.5681, 2.4224, 1.3527



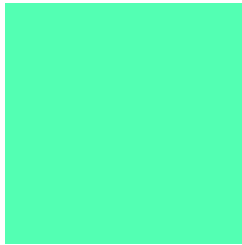
34.2883, 60.6096, 7.5059



10.7994, 19.2781, 0.9024

Previews

White Background



This preview shows how the HunterLab color 87.5292, -56.3820, 24.0595 looks on a white background.

Color Contrast Check

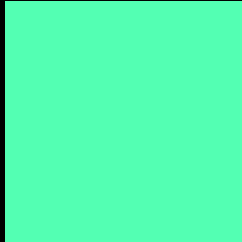
Large Text (above 18pt) WCAG AA × Fail

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 87.5292, -56.3820, 24.0595 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

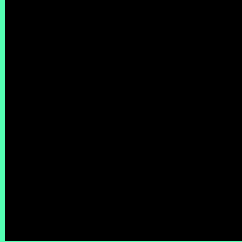
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

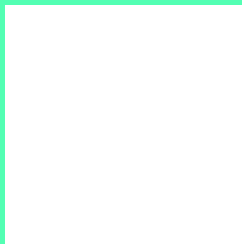
Any Text WCAG AAA ✓ Pass

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

HunterLab 87.5292, -56.3820, 24.0595 Background



This preview shows how black text looks on a background with the HunterLab color 87.5292, -56.3820, 24.0595.



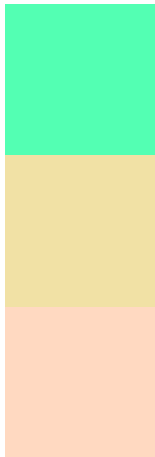
This preview shows how white text looks on a background with the HunterLab color 87.5292, -56.3820, 24.0595.

-56.3820, 24.0595.

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

87.5292, -56.3820, 24.0595

Protanopia

86.7570, -7.8176, 28.9951

Deuteranopia

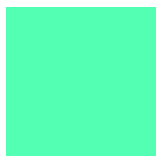
86.4500, 4.9719, 18.7555



Tritanopia

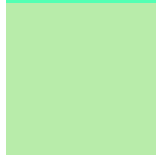
87.3015, -25.6851, -10.9068

Trichromacy



Original Color

87.5292, -56.3820, 24.0595



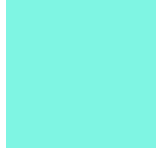
Protanomaly

85.4889, -30.5519, 25.7675



Deuteranomaly

84.8464, -23.5338, 18.6236



Tritanomaly

86.8118, -38.2762, 3.1893

Monochromacy



Original Color

87.5292, -56.3820, 24.0595



Achromatopsia

73.8732, -3.9417, 4.0137



Achromatomaly

77.5692, -26.8442, 10.5289

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 87.5292, -56.3820, 24.0595 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(83, 255, 179)` looks like.

```
.text, #text, p{  
    color:rgb(83, 255, 179)  
}
```

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(83, 255, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 255, 179) }
```

Border

The CSS property to change the border of an element to HunterLab 87.5292, -56.3820, 24.0595 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(83, 255, 179) }
```


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

```
.border{ border-color:rgb(83, 255, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 255, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 255, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 255, 179);  
box-shadow:4px 4px 4px 4px rgb(83, 255,  
179) }
```

Background

The CSS property to change the background color of an element to HunterLab 87.5292, -56.3820, 24.0595 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 255, 179) }
```

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

```
.background{ background-color: rgb(83, 255,  
179) }
```

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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