

Converting Colors

HunterLab(86.1506, -52.9906,
25.4340)

Have a look what the booklet for
HunterLab(86.1506, -52.9906,
25.4340) contains.

HunterLab(86.1588, -52.9381, 25.3056)	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(86.1588,
-52.9381, 25.3056)**

Conversions

Conversions Part 1

Format	Color
Hex	67FAAC
RGB	103, 250, 172
RGB Percent	40%, 98%, 67%
CMY	0.5961, 0.0196, 0.3255
CMYK	0.59, 0.00, 0.31, 0.02
HSL	148°, 94%, 69%
HSV	148°, 59%, 98%
XYZ	47.2255, 74.2334, 50.8692
YIQ	197.1550, -62.5740, -55.4220

Conversions

Conversions Part 2

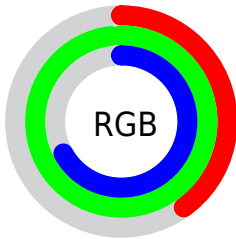
Format	Color
RYB	103, 203, 250
Decimal	6814380
CIELab	89.03, -56.71, 25.90
CIElCh	89, 62.344, 155.451
Yxy	74.2364, 0.2740, 0.4308
Android (android.graphics.Color)	4285004460 (0xFF67FAAC)
YUV	197.1550, -12.4014, -82.5739
Hunter-Lab	86.1588, -52.9381, 25.3056

Details

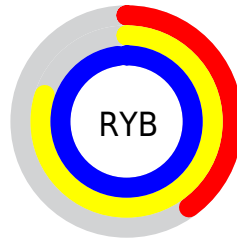
The HunterLab color **86.1588, -52.9381, 25.3056** is a light color, and the websafe version is hex **66FF99**. A complement of this color would be **57.7601, 61.5272, -8.2080**, and the grayscale version is **74.8598, -3.9943, 4.0673**.

A 20% lighter version of the original color is **92.2609, -35.1562, 9.0667**, and **62.6113, -45.3947, 21.2591** is the 20% darker color. If you saturate the color by 10%, you get **85.1398, -57.6599, 28.6946**, and if you desaturate by 10%, it is **87.4515, -47.1565, 21.8425**.

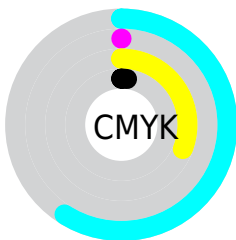
Distribution



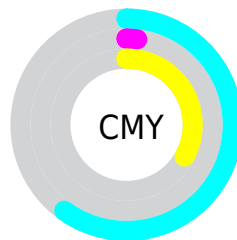
- Red (40%)
- Green (98%)
- Blue (67%)



- Red (40%)
- Yellow (80%)
- Blue (98%)



- Cyan (59%)
- Magenta (0%)
- Yellow (31%)
- Black (2%)





- Cyan (60%)
- Magenta (2%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 86.1588, -52.9381, 25.3056 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 86.1588, -52.9381, 25.3056 by changing the saturation by 10% instead.


 86.1588, -52.9381,
25.3056


 86.1588, -52.9381,
25.3056


218.0112,
-81.5603, 41.9495

 74.1536, -49.3111,
23.3394


 111.9066,
-59.8244, 29.1287

 62.7628, -45.5244,
21.3209


 125.5967,
-63.1200, 30.9996

 52.0237, -41.5415,
19.2353


 139.8035,
-66.3368, 32.8514

 41.9783, -37.3110,
17.0613

154.5090,
-69.4855, 34.6883

 32.6784, -32.7590,
14.7683

169.6967,
-72.5753, 36.5139

 24.1894, -27.7756,
12.3112

185.3519,

 16.5978, -22.3948,

-75.6136, 38.3311

9.8914

201.4608,
-78.6069, 40.1423

■ 10.0256, -17.5448,
7.0179

0.0000, NaN, NaN

■ 86.1588, -52.9381,
25.3056

■ 86.1588, -52.9381,
25.3056

■ 85.1398, -57.6599,
28.6946

■ 87.4515, -47.1565,
21.8425

■ 84.3741, -61.3336,
31.9590


■ 89.0217, -40.3339,
18.3504


■ 83.8406, -64.0188,
35.0518


■ 90.8751, -32.5220,
14.8754


■ 83.5008, -65.8541,
37.9210

■ 93.0113, -23.7938,
11.4585

 83.4665, -66.0441,
38.2444

 95.4261, -14.2368,
8.1354

 98.1124, -3.9463,
4.9356

 98.4144, -2.6806,
3.5989

Harmonies

Analogous

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



86.1605, -36.9049, 39.5897



86.1588, -52.9381, 25.3056



86.1605, -56.8537, -0.9475

Triad

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



86.1605, -52.9391, 25.3064



86.1605, 1.2100, -74.3341



86.1605, 50.3167, 31.7990

Complementary

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



86.1588, -52.9381, 25.3056



57.7601, 61.5272, -8.2080

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.



86.1605, 64.1317, 9.9705



86.1588, -52.9381, 25.3056



86.1605, 33.2962, -56.4574

Square

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



86.1605, -52.9391, 25.3064



86.1605, -28.2839, -65.6348



86.1605, 57.4962, -22.7541



86.1605, 21.9510, 42.2887

Rectangle

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



86.1588, -52.9381, 25.3056



86.1605, -52.6314, -23.8294



86.1605, 57.4962, -22.7541



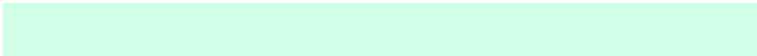
86.1605, 56.9880, 25.9048

Sweetspot

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



86.1605, -52.9391, 25.3064



95.3097, -23.6011, 11.4499



89.0090, -43.8912, 45.5305



43.7835, -12.1734, 5.7633

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



86.1605, -52.9391, 25.3064



86.8762, -59.9188, 30.1195



88.2364, -40.5644, -4.4422



44.0963, -6.9103, 3.8717



60.8115, -47.9536, 27.5091



18.5640, -14.2387, 7.5338

Inverse Universe

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



57.7601, 61.5272, -8.2080



53.9016, 74.3740, -7.3261



55.7732, 52.7483, 20.2375



41.6883, 2.5311, 0.8727



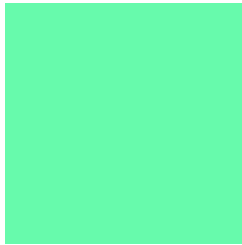
34.2097, 61.2820, 1.2008



10.5135, 19.0213, -1.0867

Previews

White Background



This preview shows how the HunterLab color 86.1588, -52.9381, 25.3056 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 86.1588, -52.9381, 25.3056 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

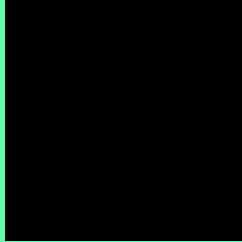
Any Text WCAG AA ✓ Pass

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 86.1588, -52.9381, 25.3056 Background



This preview shows how black text looks on a background with the HunterLab color 86.1588, -52.9381, 25.3056.



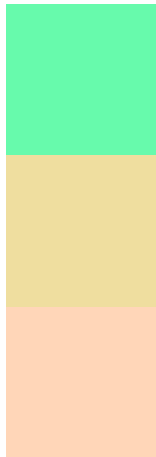
This preview shows how white text looks on a background with the HunterLab color 86.1588,

-52.9381, 25.3056.

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

86.1588, -52.9381, 25.3056

Protanopia

85.4965, -7.6984, 29.8010

Deuteranopia

85.3310, 5.3388, 21.1656



Tritanopia

85.7550, -26.2431, -13.0283

Trichromacy



Original Color

86.1588, -52.9381, 25.3056



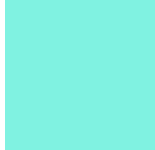
Protanomaly

84.4634, -27.7888, 26.9052



Deuteranomaly

83.9719, -20.4142, 20.8976



Tritanomaly

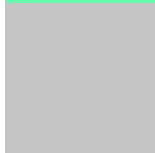
85.7495, -37.1430, 2.9345

Monochromacy



Original Color

86.1588, -52.9381, 25.3056



Achromatopsia

74.7222, -3.9870, 4.0598



Achromatomaly

77.8005, -24.3315, 11.2570

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 86.1588, -52.9381, 25.3056 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(103, 250, 172)` looks like.

```
.text, #text, p{  
    color:rgb(103, 250, 172)  
}
```

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(103, 250, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 250, 172) }
```

Border

The CSS property to change the border of an element to HunterLab 86.1588, -52.9381, 25.3056 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(103, 250, 172) }
```


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

```
.border{ border-color:rgb(103, 250, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 250, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 250, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 250, 172);  
box-shadow:4px 4px 4px 4px rgb(103, 250,  
172) }
```

Background

The CSS property to change the background color of an element to HunterLab 86.1588, -52.9381, 25.3056 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 250, 172) }
```

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

```
.background{ background-color: rgb(103,  
250, 172) }
```

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