

Converting Colors

HunterLab(88.0515, -52.9039,
14.0474)

Have a look what the booklet for
HunterLab(88.0515, -52.9039,
14.0474) contains.

HunterLab(88.0648, -52.8462, 14.0269)	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(88.0648,
-52.8462, 14.0269)**

Conversions

Conversions Part 1

Format	Color
Hex	4DFFCE
RGB	77, 255, 206
RGB Percent	30%, 100%, 81%
CMY	0.6980, 0.0000, 0.1921
CMYK	0.70, 0.00, 0.19, 0.00
HSL	163°, 100%, 65%
HSV	163°, 70%, 100%
XYZ	49.9612, 77.5541, 70.7288
YIQ	196.1920, -90.3590, -52.9750

Conversions

Conversions Part 2

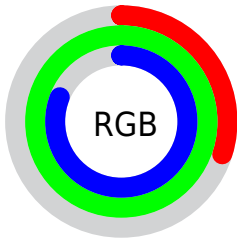
Format	Color
RYB	77, 180, 255
Decimal	5111758
CIELab	90.58, -55.86, 10.54
CIELCh	91, 56.841, 169.314
Yxy	77.5544, 0.2520, 0.3912
Android (android.graphics.Color)	4283301838 (0xFF4DFFCE)
YUV	196.1920, 4.8353, -104.5314
Hunter-Lab	88.0648, -52.8462, 14.0269

Details

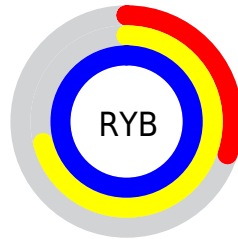
The HunterLab color **88.0648, -52.8462, 14.0269** is a light color, and the websafe version is hex **33FFCC**. The color can be described as light washed cyan. A complement of this color would be **52.9861, 67.8338, 11.7484**, and the grayscale version is **74.3876, -3.9691, 4.0416**.

A 20% lighter version of the original color is **92.1146, -33.9565, -4.7286**, and **64.9611, -43.2457, 12.1592** is the 20% darker color. If you saturate the color by 10%, you get **87.3841, -55.9800, 16.2116**, and if you desaturate by 10%, it is **88.9830, -48.7799, 12.0227**.

Distribution



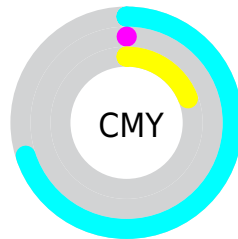
- Red (30%)
- Green (100%)
- Blue (81%)



- Red (30%)
- Yellow (71%)
- Blue (100%)



- Cyan (70%)
- Magenta (0%)
- Yellow (19%)
- Black (0%)





- Cyan (70%)
- Magenta (0%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 88.0648, -52.8462, 14.0269 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 88.0648, -52.8462, 14.0269 by changing the saturation by 10% instead.


 88.0648, -52.8462,
14.0269


 88.0648, -52.8462,
14.0269


220.6020,
-81.0269, 24.8855


 75.9658, -49.2873,
12.8707


 113.9832,
-59.6083, 16.3593


 64.4779, -45.5788,
11.7192


 127.7543,
-62.8499, 17.5404

 53.6357, -41.6847,
10.5677


 142.0392,
-66.0162, 18.7327

 43.4802, -37.5568,
9.4107

 156.8200,
-69.1176, 19.9370

 34.0615, -33.1268,
8.2395

172.0808,
-72.1628, 21.1541

 25.4424, -28.2930,
7.0405

187.8068,

 17.7056, -22.9038,

-75.1588, 22.3843

5.7904

203.9846,
-78.1118, 23.6280

■ 10.9661, -19.1907,
4.7676

■ 2.5256, -4.4198,
1.7679

■ 88.0648, -52.8462,
14.0269

■ 88.0648, -52.8462,
14.0269

■ 87.3841, -55.9800,
16.2116

■ 88.9830, -48.7799,
12.0227

■ 86.9160, -58.2556,
18.5336

■ 90.1550, -43.7536,
10.2389

■ 86.6162, -59.8364,
20.9280

■ 91.5921, -37.7686,
8.7056

■ 86.6109, -59.8650,
20.9751

■ 93.3004, -30.8555,
7.4460

■ 95.2817, -23.0664,
6.4755

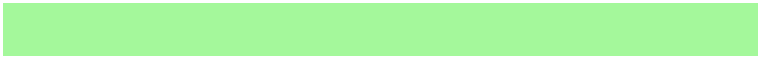
■ 97.5341, -14.4696,
5.8025

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.



88.0650, -42.9369, 32.7181



88.0648, -52.8462, 14.0269



88.0650, -51.1697, -14.5021

Triad

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



88.0650, -52.8451, 14.0262



88.0650, 14.4007, -60.9451



88.0650, 34.4473, 36.1497

Complementary

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



88.0648, -52.8462, 14.0269



52.9861, 67.8338, 11.7484

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.



88.0650, 53.9859, 20.5188



88.0648, -52.8462, 14.0269



88.0650, 41.4215, -37.0028

Square

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



88.0650, -52.8451, 14.0262



88.0650, -14.7536, -64.4059



88.0650, 56.6908, -5.5613



88.0650, 5.8183, 42.4752

Rectangle

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



88.0648, -52.8462, 14.0269



88.0650, -43.6366, -35.6116



88.0650, 56.6908, -5.5613



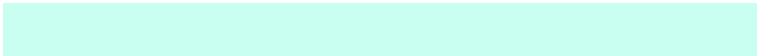
88.0650, 42.4449, 32.0968

Sweetspot

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



88.0650, -52.8451, 14.0262



95.0298, -24.0443, 6.5762



87.5224, -59.5161, 48.1317



43.7036, -12.1452, 3.1573

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



88.0650, -52.8451, 14.0262



87.1633, -57.0344, 17.1728



76.2450, -26.2547, -27.0472



45.1565, -6.5710, 2.6774



62.6285, -43.1442, 14.8558



19.5895, -13.1743, 3.9543

Inverse Universe

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



52.9861, 67.8338, 11.7484



48.7315, 77.0421, 16.7805



58.4708, 46.5799, 29.7240



42.5079, 2.0990, 2.2107



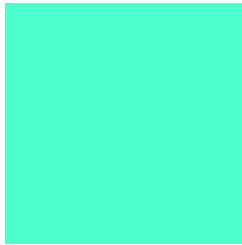
33.7085, 58.4797, 15.9451



10.6011, 18.5529, 3.7637

Previews

White Background



This preview shows how the HunterLab color 88.0648, -52.8462, 14.0269 looks on a white background.

Color Contrast Check

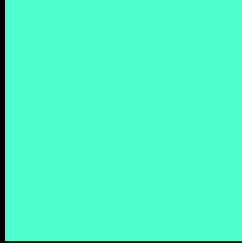
Large Text (above 18pt) WCAG AA × Fail

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 88.0648, -52.8462, 14.0269 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

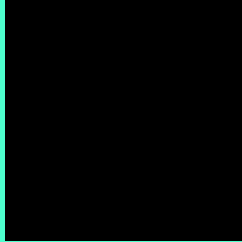
Any Text WCAG AA ✓ Pass

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 88.0648, -52.8462, 14.0269 Background



This preview shows how black text looks on a background with the HunterLab color 88.0648, -52.8462, 14.0269.



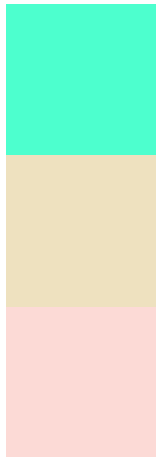
This preview shows how white text looks on a background with the HunterLab color 88.0648,

-52.8462, 14.0269.

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

88.0648, -52.8462, 14.0269

Protanopia

87.0570, -5.5648, 19.9777

Deuteranopia

87.0019, 6.4521, 10.3685



Tritanopia

87.8061, -25.5423, -10.2241

Trichromacy



Original Color

88.0648, -52.8462, 14.0269



Protanomaly

85.7672, -28.2382, 16.2527



Deuteranomaly

85.1741, -21.0640, 9.2157



Tritanomaly

87.4860, -36.8136, -1.0346

Monochromacy



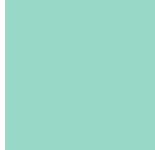
Original Color

88.0648, -52.8462, 14.0269



Achromatopsia

74.2975, -3.9643, 4.0367



Achromatomaly

77.8255, -25.2421, 5.8846

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 88.0648, -52.8462, 14.0269 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(77, 255, 206)` looks like.

```
.text, #text, p{  
    color:rgb(77, 255, 206)  
}
```

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(77, 255, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 255, 206) }
```

Border

The CSS property to change the border of an element to HunterLab 88.0648, -52.8462, 14.0269 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(77, 255, 206) }
```


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

```
.border{ border-color:rgb(77, 255, 206) }
```

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

Here you see how a box with a 4 pixel rgb(77, 255, 206) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 255, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 255, 206);  
box-shadow:4px 4px 4px 4px rgb(77, 255,  
206) }
```

Background

The CSS property to change the background color of an element to HunterLab 88.0648, -52.8462, 14.0269 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 255, 206) }
```

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

```
.background{ background-color: rgb(77, 255,  
206) }
```

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