

Converting Colors

HunterLab(88.3053, -52.8110,
21.5209)

Have a look what the booklet for
HunterLab(88.3053, -52.8110,
21.5209) contains.

HunterLab(88.3038, -52.8202, 21.5430)	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(88.3038,
-52.8202, 21.5430)**

Conversions

Conversions Part 1

Format	Color
Hex	66FFBC
RGB	102, 255, 188
RGB Percent	40%, 100%, 74%
CMY	0.6000, 0.0000, 0.2627
CMYK	0.60, 0.00, 0.26, 0.00
HSL	154°, 100%, 70%
HSV	154°, 60%, 100%
XYZ	50.3166, 77.9756, 59.9758
YIQ	201.6150, -69.6810, -53.2730

Conversions

Conversions Part 2

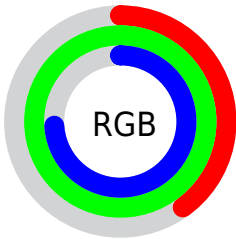
Format	Color
RYB	102, 200, 255
Decimal	6750140
CIELab	90.77, -55.73, 20.14
CIELCh	91, 59.258, 160.134
Yxy	77.9759, 0.2673, 0.4142
Android (android.graphics.Color)	4284940220 (0xFF66FFBC)
YUV	201.6150, -6.7122, -87.3624
Hunter-Lab	88.3038, -52.8202, 21.5430

Details

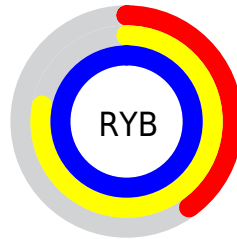
The HunterLab color **88.3038, -52.8202, 21.5430** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **57.9897, 62.1308, -1.5578**, and the grayscale version is **76.7371, -4.0945, 4.1693**.

A 20% lighter version of the original color is **92.7637, -32.2456, 1.8924**, and **64.6219, -45.4387, 17.9938** is the 20% darker color. If you saturate the color by 10%, you get **87.3184, -57.3408, 24.6162**, and if you desaturate by 10%, it is **89.5557, -47.2652, 18.5160**.

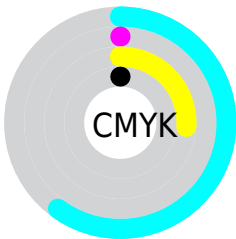
Distribution



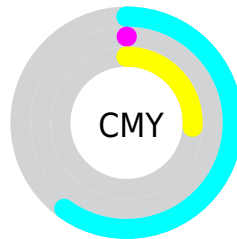
- Red (40%)
- Green (100%)
- Blue (74%)



- Red (40%)
- Yellow (78%)
- Blue (100%)



- Cyan (60%)
- Magenta (0%)
- Yellow (26%)
- Black (0%)





- Cyan (60%)
- Magenta (0%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 88.3038, -52.8202, 21.5430 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 88.3038, -52.8202, 21.5430 by changing the saturation by 10% instead.


 88.3038, -52.8202,
21.5430

 88.3038, -52.8202,
21.5430


220.9265,
-80.9399, 35.9444


 76.1933, -49.2711,
19.8942


 114.2437,
-59.5657, 24.7827

 64.6933, -45.5732,
18.2178


 128.0248,
-62.7998, 26.3853

 53.8383, -41.6911,
16.5026


 142.3194,
-65.9590, 27.9813

 43.6691, -37.5770,
14.7340

157.1097,
-69.0539, 29.5735

 34.2357, -33.1632,
12.8906

172.3795,
-72.0928, 31.1642

 25.6005, -28.3492,
10.9404

188.1143,

 17.8457, -22.9795,

-75.0829, 32.7553

8.8317

204.3007,
-78.0302, 34.3482

■ 11.0856, -19.3998,
7.7599

■ 2.9176, -5.1058,
2.0423

■ 88.3038, -52.8202,
21.5430

■ 88.3038, -52.8202,
21.5430

■ 87.3184, -57.3408,
24.6162

■ 89.5557, -47.2652,
18.5160

■ 86.5823, -60.8529,
27.6906

■ 91.0838, -40.6911,
15.5807

■ 86.0715, -63.4233,
30.7157

■ 92.8934, -33.1390,
12.7751

■ 85.7400, -65.2220,
33.6283

■ 94.9853, -24.6736,
10.1322

■ 85.7399, -65.2223,
33.6287

■ 97.3564, -15.3755,
7.6783

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.



88.3040, -39.0092, 37.3870



88.3038, -52.8202, 21.5430



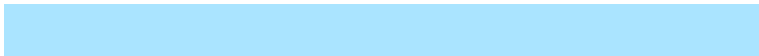
88.3040, -54.7695, -5.4393

Triad

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



88.3040, -52.8193, 21.5423



88.3040, 5.6991, -68.3733



88.3040, 44.0272, 33.4384

Complementary

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



88.3038, -52.8202, 21.5430



57.9897, 62.1308, -1.5578

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.



88.3040, 59.7787, 13.9552



88.3038, -52.8202, 21.5430



88.3040, 35.7686, -48.4908

Square

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



88.3040, -52.8193, 21.5423



88.3040, -23.5342, -64.2265



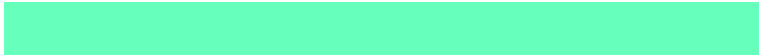
88.3040, 56.5691, -16.0218



88.3040, 15.8223, 42.4893

Rectangle

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



88.3038, -52.8202, 21.5430



88.3040, -49.4002, -27.5382



88.3040, 56.5691, -16.0218



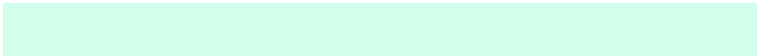
88.3040, 51.1147, 28.2186

Sweetspot

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



88.3040, -52.8193, 21.5423



95.4370, -22.8791, 9.6259



90.0670, -48.7721, 46.3695



43.8510, -11.7886, 4.7956

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



88.3040, -52.8193, 21.5423



87.1517, -58.1230, 25.2330



87.6247, -37.4368, -10.6764



45.0990, -6.8916, 3.4987



62.0023, -46.9939, 23.9489



19.4037, -14.3138, 6.6465

Inverse Universe

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



57.9897, 62.1308, -1.5578



52.9886, 72.9057, 0.7857



57.7032, 51.1445, 23.5348



42.5667, 2.4146, 1.3733



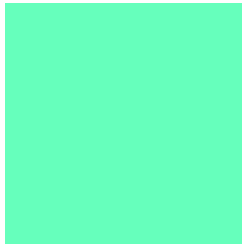
34.2709, 60.5463, 7.7558



10.7938, 19.2578, 0.9824

Previews

White Background



This preview shows how the HunterLab color 88.3038, -52.8202, 21.5430 looks on a white background.

Color Contrast Check

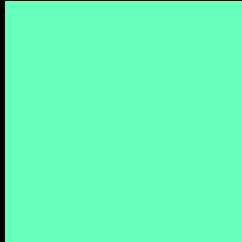
Large Text (above 18pt) WCAG AA × Fail

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 88.3038, -52.8202, 21.5430 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

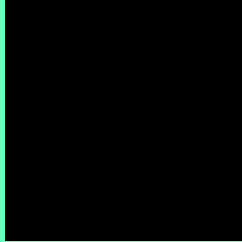
Any Text WCAG AA ✓ Pass

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 88.3038, -52.8202, 21.5430 Background



This preview shows how black text looks on a background with the HunterLab color 88.3038, -52.8202, 21.5430.



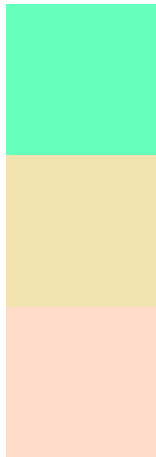
This preview shows how white text looks on a background with the HunterLab color 88.3038, -52.8202, 21.5430.

-52.8202, 21.5430.

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

88.3038, -52.8202, 21.5430

Protanopia

87.3871, -6.7725, 26.2118

Deuteranopia

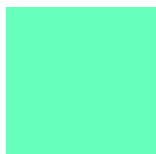
87.5577, 4.5168, 16.6133



Tritanopia

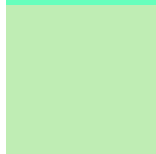
87.8758, -23.5568, -10.0958

Trichromacy



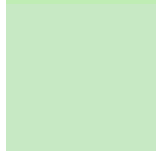
Original Color

88.3038, -52.8202, 21.5430



Protanomaly

86.5679, -27.7589, 23.2830



Deuteranomaly

86.2586, -21.2950, 16.8827



Tritanomaly

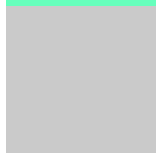
87.5499, -35.1810, 2.1336

Monochromacy



Original Color

88.3038, -52.8202, 21.5430



Achromatopsia

76.8517, -4.1006, 4.1755



Achromatomaly

79.9069, -24.4355, 9.6162

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 88.3038, -52.8202, 21.5430 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(102, 255, 188)` looks like.

```
.text, #text, p{  
    color:rgb(102, 255, 188)  
}
```

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(102, 255, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 255, 188) }
```

Border

The CSS property to change the border of an element to HunterLab 88.3038, -52.8202, 21.5430 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(102, 255, 188) }
```


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

```
.border{ border-color:rgb(102, 255, 188) }
```

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

Here you see how a box with a 4 pixel rgb(102, 255, 188) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 255, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 255, 188);  
box-shadow:4px 4px 4px 4px rgb(102, 255,  
188) }
```

Background

The CSS property to change the background color of an element to HunterLab 88.3038, -52.8202, 21.5430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 255, 188) }
```

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

```
.background{ background-color: rgb(102,  
255, 188) }
```

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