

Converting Colors

HunterLab(87.7560, -53.9879,
12.8728)

Have a look what the booklet for
HunterLab(87.7560, -53.9879,
12.8728) contains.

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Color

**HunterLab(87.7519,
-53.9968, 12.8076)**

Conversions

Conversions Part 1

Format	Color
Hex	3BFFD0
RGB	59, 255, 208
RGB Percent	23%, 100%, 82%
CMY	0.7686, 0.0000, 0.1843
CMYK	0.77, 0.00, 0.18, 0.00
HSL	166°, 100%, 62%
HSV	166°, 77%, 100%
XYZ	48.9489, 77.0040, 71.9579
YIQ	191.0380, -101.7290, -56.1690

Conversions

Conversions Part 2

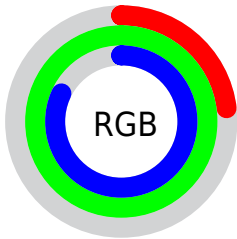
Format	Color
RYB	59, 170, 255
Decimal	3932112
CIELab	90.32, -57.51, 9.11
CIELCh	90, 58.227, 171.002
Yxy	77.0043, 0.2473, 0.3891
Android (android.graphics.Color)	4282122192 (0xFF3BFFD0)
YUV	191.0380, 8.3623, -115.7973
Hunter-Lab	87.7519, -53.9968, 12.8076

Details

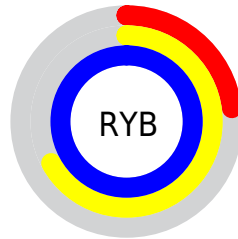
The HunterLab color **87.7519, -53.9968, 12.8076** is a light color, and the websafe version is hex **33FFCC**. The color can be described as light washed cyan. A complement of this color would be **50.4279, 72.4765, 16.3077**, and the grayscale version is **72.1941, -3.8521, 3.9224**.

A 20% lighter version of the original color is **91.5920, -35.9454, -5.4329**, and **65.0120, -42.9361, 11.4273** is the 20% darker color. If you saturate the color by 10%, you get **87.2415, -56.4041, 14.8433**, and if you desaturate by 10%, it is **88.4813, -50.7165, 10.9517**.

Distribution



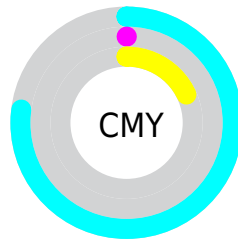
- Red (23%)
- Green (100%)
- Blue (82%)



- Red (23%)
- Yellow (67%)
- Blue (100%)



- Cyan (77%)
- Magenta (0%)
- Yellow (18%)
- Black (0%)





- Cyan (77%)
- Magenta (0%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 87.7519, -53.9968, 12.8076 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 87.7519, -53.9968, 12.8076 by changing the saturation by 10% instead.


 87.7519, -53.9968,
12.8076


 87.7519, -53.9968,
12.8076


220.1769,
-82.8619, 23.1514


 75.6680, -50.3404,
11.7222


 113.6422,
-60.9367, 15.0091


 64.1959, -46.5273,
10.6458


 127.4000,
-64.2602, 16.1291

 53.3705, -42.5199,
9.5747


 141.6722,
-67.5046, 17.2628

 43.2330, -38.2679,
8.5045

 156.4407,
-70.6808, 18.4108

 33.8336, -33.7001,
7.4283

171.6895,
-73.7977, 19.5734

 25.2358, -28.7106,
6.3352

187.4039,

 17.5225, -23.1813,

-76.8628, 20.7509

5.2058

203.5705,
-79.8824, 21.9436

■ 10.8101, -18.9177,
4.2340

■ 1.8927, -3.3122,
1.3249

■ 87.7519, -53.9968,
12.8076

■ 87.7519, -53.9968,
12.8076

■ 87.2415, -56.4041,
14.8433

■ 88.4813, -50.7165,
10.9517


■ 86.9177, -58.0517,
17.0101


■ 89.4512, -46.5064,
9.3189


■ 86.8380, -58.4780,
17.6974

■ 90.6771, -41.3431,
7.9417

■ 92.1686, -35.2353,
6.8453

 93.9309, -28.2176,
6.0473

 95.9647, -20.3452,
5.5574

 98.2676, -11.6875,
5.3781

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.



87.7521, -44.5770, 32.4090



87.7519, -53.9968, 12.8076



87.7521, -51.6283, -16.8561

Triad

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



87.7521, -53.9957, 12.8069



87.7521, 16.5910, -62.0393



87.7521, 33.9545, 37.2251

Complementary

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



87.7519, -53.9968, 12.8076



50.4279, 72.4765, 16.3077

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.



87.7521, 54.8218, 22.0045



87.7519, -53.9968, 12.8076



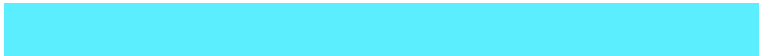
87.7521, 43.9123, -36.4360

Square

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



87.7521, -53.9957, 12.8069



87.7521, -13.3870, -67.0161



87.7521, 58.6886, -4.0926



87.7521, 4.3659, 43.1160

Rectangle

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



87.7519, -53.9968, 12.8076



87.7521, -43.5376, -38.5327



87.7521, 58.6886, -4.0926



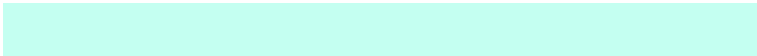
87.7521, 42.3764, 33.3250

Sweetspot

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



87.7521, -53.9957, 12.8069



94.6836, -25.2776, 5.8214



86.6167, -63.5108, 49.4277



43.4784, -12.9697, 2.7905

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



87.7521, -53.9957, 12.8069



87.0543, -57.3363, 15.9449



72.3146, -23.0607, -33.4118



45.1692, -6.5003, 2.4962



62.7910, -42.1518, 12.5105



19.6364, -12.8887, 3.2791

Inverse Universe

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



50.4279, 72.4765, 16.3077



47.2287, 79.2049, 21.7541



56.8354, 49.3830, 31.5684



42.4953, 2.0310, 2.3912



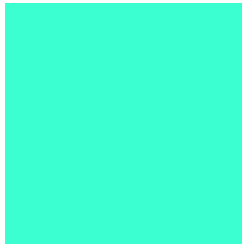
33.6229, 58.1636, 17.2038



10.5685, 18.4331, 4.2390

Previews

White Background



This preview shows how the HunterLab color 87.7519, -53.9968, 12.8076 looks on a white background.

Color Contrast Check

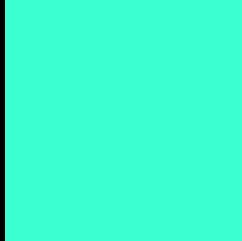
Large Text (above 18pt) WCAG AA × Fail

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 87.7519, -53.9968, 12.8076 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

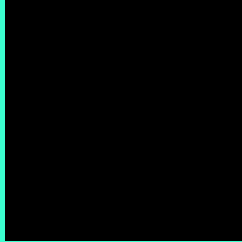
Any Text WCAG AA ✓ Pass

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 87.7519, -53.9968, 12.8076 Background



This preview shows how black text looks on a background with the HunterLab color 87.7519, -53.9968, 12.8076.



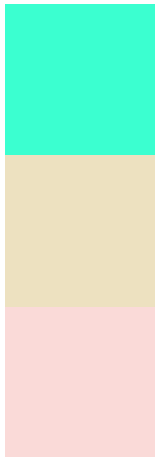
This preview shows how white text looks on a background with the HunterLab color 87.7519,

-53.9968, 12.8076.

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

87.7519, -53.9968, 12.8076

Protanopia

86.9832, -5.7716, 19.5055

Deuteranopia

86.8474, 6.0522, 9.2693



Tritanopia

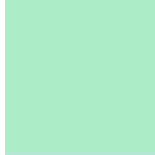
87.1377, -26.2952, -11.1393

Trichromacy



Original Color

87.7519, -53.9968, 12.8076



Protanomaly

85.3456, -29.7177, 14.9540



Deuteranomaly

84.7229, -22.6068, 7.7564



Tritanomaly

86.7127, -37.9366, -2.5402

Monochromacy



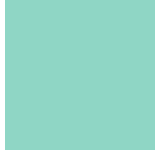
Original Color

87.7519, -53.9968, 12.8076



Achromatopsia

72.1800, -3.8513, 3.9217



Achromatomaly

76.1341, -26.6696, 5.3100

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 87.7519, -53.9968, 12.8076 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(59, 255, 208)` looks like.

```
.text, #text, p{  
    color:rgb(59, 255, 208)  
}
```

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(59, 255, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 255, 208) }
```

Border

The CSS property to change the border of an element to HunterLab 87.7519, -53.9968, 12.8076 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(59, 255, 208) }
```


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

```
.border{ border-color:rgb(59, 255, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(59, 255, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 255, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 255, 208);  
box-shadow:4px 4px 4px 4px rgb(59, 255,  
208) }
```

Background

The CSS property to change the background color of an element to HunterLab 87.7519, -53.9968, 12.8076 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 255, 208) }
```

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

```
.background{ background-color: rgb(59, 255,  
208) }
```

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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