

Converting Colors

HunterLab(51.2457, -45.4752,
6.8748)

Have a look what the booklet for
HunterLab(51.2457, -45.4752,
6.8748) contains.

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Color

**HunterLab(53.7191,
-35.5309, 9.5567)**

Conversions

Conversions Part 1

Format	Color
Hex	00A681
RGB	0, 166, 129
RGB Percent	0%, 65%, 51%
CMY	0.9999, 0.3490, 0.4941
CMYK	1.00, 0.00, 0.22, 0.35
HSL	167°, 100%, 33%
HSV	167°, 100%, 65%
XYZ	17.5987, 28.8574, 25.4114
YIQ	112.1480, -87.0590, -46.6990

Conversions

Conversions Part 2

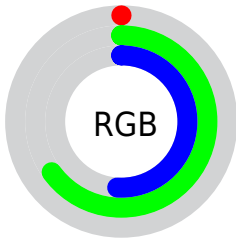
Format	Color
RYB	0, 93, 166
Decimal	42625
CIELab	60.66, -45.43, 9.03
CIELCh	61, 46.319, 168.759
Yxy	28.8585, 0.2449, 0.4015
Android (android.graphics.Color)	4278232705 (0xFF00A681)
YUV	112.1480, 8.3080, -98.3538
Hunter-Lab	53.7191, -35.5309, 9.5567

Details

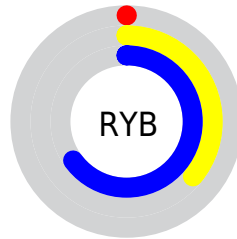
The HunterLab color **53.7191, -35.5309, 9.5567** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **28.7076, 49.6254, 14.9407**, and the grayscale version is **40.3051, -2.1506, 2.1899**.

A 20% lighter version of the original color is **76.0553, -41.8483, 11.6319**, and **35.1986, -24.3085, 8.4798** is the 20% darker color. If you saturate the color by 10%, you get **53.7200, -35.5321, 9.5583**, and if you desaturate by 10%, it is **53.9206, -34.5280, 8.3397**.

Distribution



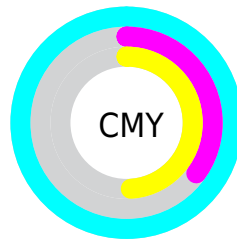
- Red (0%)
- Green (65%)
- Blue (51%)



- Red (0%)
- Yellow (36%)
- Blue (65%)



- Cyan (100%)
- Magenta (0%)
- Yellow (22%)
- Black (35%)



- Cyan (100%)
- Magenta (35%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 53.7191, -35.5309, 9.5567 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 53.7191, -35.5309, 9.5567 by changing the saturation by 10% instead.

■ 53.7191, -35.5309,
9.5567

■ 53.7191, -35.5309,
9.5567

172.2054,
-61.1973, 19.5277

■ 43.5590, -32.1318,
8.4918

■ 76.0607, -41.8409,
11.6967

■ 34.1341, -28.5034,
7.4211

■ 88.1647, -44.8155,
12.7780

■ 25.5083, -24.5650,
6.3344

■ 100.8502,
-47.6992, 13.8699

■ 17.7640, -20.1872,
5.2132

■ 114.0919,
-50.5075, 14.9739

■ 11.0159, -19.0787,
4.1950

■ 127.8671,
-53.2526, 16.0911

■ 2.6961, -4.7181,
1.8872

■ 142.1560,

0.0000, NaN, NaN

-55.9442, 17.2221

0.0000, NaN, NaN

156.9408,
-58.5903, 18.3675

0.0000, NaN, NaN

■ 53.7191, -35.5309,
9.5567

■ 53.7191, -35.5309,
9.5567

■ 53.7200, -35.5321,
9.5583

■ 53.9206, -34.5280,
8.3397

■ 54.2120, -33.1557,
7.1860

■ 54.6291, -31.2827,
6.1435

■ 55.1850, -28.8719,
5.2356

■ 55.8888, -25.9072,
4.4809

■ 56.7468, -22.3903,
3.8938

■ 57.7622, -18.3377,
3.4842

■ 58.9361, -13.7776,
3.2575

■ 60.2676, -8.7473,
3.2152

Harmonies

Analogous

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



53.7201, -28.7595, 21.8351



53.7191, -35.5309, 9.5567



53.7201, -34.5582, -10.1728

Triad

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



53.7201, -35.5312, 9.5572



53.7201, 10.0211, -44.3246



53.7201, 24.8054, 23.7508

Complementary

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



53.7191, -35.5309, 9.5567



28.7076, 49.6254, 14.9407

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.



53.7201, 38.4546, 13.3780



53.7191, -35.5309, 9.5567



53.7201, 29.0971, -27.0931

Square

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



53.7201, -35.5312, 9.5572



53.7201, -10.1386, -46.5392



53.7201, 40.1306, -4.6801



53.7201, 4.8085, 27.8021

Rectangle

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



53.7191, -35.5309, 9.5567



53.7201, -29.6097, -25.2771



53.7201, 40.1306, -4.6801



53.7201, 30.4056, 21.1089

Sweetspot

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



53.7201, -35.5312, 9.5572



77.7317, -25.0317, 4.7185



52.6306, -43.0485, 31.6766



36.4990, -12.9217, 2.3268



92.0917, -4.9138, 5.0035



39.3538, -2.0998, 2.1382

Same Dimension

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



53.7201, -35.5312, 9.5572



72.3466, -48.0066, 13.2055



40.7535, -10.8269, -27.5648



29.1599, -4.0485, 1.5550



47.3124, -31.2425, 8.3071



7.4264, -4.5909, 0.6280

Inverse Universe

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



28.7076, 49.6254, 14.9407



38.6387, 66.7290, 20.6335



31.5111, 39.1022, 20.1007



27.5112, 1.1470, 1.5961



25.2907, 43.7446, 12.9820



4.0363, 7.1592, 0.6943

Previews

White Background



This preview shows how the HunterLab color 53.7191, -35.5309, 9.5567 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 53.7191, -35.5309, 9.5567 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

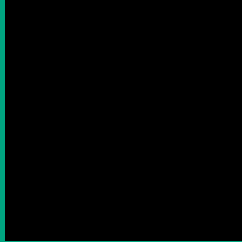
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

HunterLab 53.7191, -35.5309, 9.5567 Background



This preview shows how black text looks on a background with the HunterLab color 53.7191, -35.5309, 9.5567.



This preview shows how white text looks on a background with the HunterLab color 53.7191, -35.5309, 9.5567.

-35.5309, 9.5567.

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

53.7191, -35.5309, 9.5567

Protanopia

53.3411, -3.7253, 13.4041

Deuteranopia

53.1902, 3.7529, 7.2909



Tritanopia

53.7483, -22.5583, -10.8869

Trichromacy



Original Color

53.7191, -35.5309, 9.5567

Protanomaly

51.7776, -21.6504, 10.0684

Deuteranomaly

51.1189, -17.2114, 5.4606

Tritanomaly

53.4774, -28.0521, -2.9040

Monochromacy



Original Color

53.7191, -35.5309, 9.5567

Achromatopsia

40.2529, -2.1478, 2.1870

Achromatomaly

43.7609, -18.9870, 3.4111

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 53.7191, -35.5309, 9.5567 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(0, 166, 129)` looks like.

```
.text, #text, p{  
    color:rgb(0, 166, 129)  
}
```

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(0, 166, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 166, 129) }
```

Border

The CSS property to change the border of an element to HunterLab 53.7191, -35.5309, 9.5567 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(0, 166, 129) }
```


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

```
.border{ border-color:rgb(0, 166, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 166, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 166, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 166, 129);  
box-shadow:4px 4px 4px 4px rgb(0, 166,  
129) }
```

Background

The CSS property to change the background color of an element to HunterLab 53.7191, -35.5309, 9.5567 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 166, 129) }
```

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

```
.background{ background-color: rgb(0, 166,  
129) }
```

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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