

Converting Colors

HunterLab(55.5179, -26.3002,
-0.8443)

Have a look what the booklet for
HunterLab(55.5179, -26.3002,
-0.8443) contains.

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Color

**HunterLab(55.5871,
-26.4565, -0.7132)**

Conversions

Conversions Part 1

Format	Color
Hex	42A69E
RGB	66, 166, 158
RGB Percent	26%, 65%, 62%
CMY	0.7412, 0.3490, 0.3804
CMYK	0.60, 0.00, 0.05, 0.35
HSL	175°, 43%, 45%
HSV	175°, 60%, 65%
XYZ	22.0545, 30.8993, 37.1495
YIQ	135.1880, -57.0320, -23.6880

Conversions

Conversions Part 2

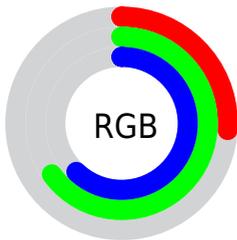
Format	Color
R _{YB}	66, 118, 166
Decimal	4368030
CIE _{Lab}	62.42, -30.78, -4.54
CIE _{LCh}	62, 31.113, 188.392
Y _{xy}	30.9004, 0.2448, 0.3429
Android (android.graphics.Color)	4282558110 (0xFF42A69E)
Y _{UV}	135.1880, 11.2463, -60.6779
Hunter-Lab	55.5871, -26.4565, -0.7132

Details

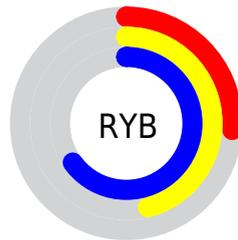
The HunterLab color **55.5871, -26.4565, -0.7132** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **35.3535, 33.6137, 11.5064**, and the grayscale version is **49.2708, -2.6290, 2.6770**.

A 20% lighter version of the original color is **78.3146, -31.1928, 0.0525**, and **35.8773, -20.2019, -1.2335** is the 20% darker color. If you saturate the color by 10%, you get **55.0995, -28.4550, -0.7129**, and if you desaturate by 10%, it is **56.2220, -23.9182, -0.5241**.

Distribution



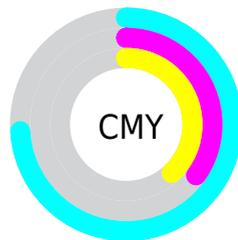
- Red (26%)
- Green (65%)
- Blue (62%)



- Red (26%)
- Yellow (46%)
- Blue (65%)



- Cyan (60%)
- Magenta (0%)
- Yellow (5%)
- Black (35%)



- Cyan (74%)
- Magenta (35%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 55.5871, -26.4565, -0.7132 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 55.5871, -26.4565, -0.7132 by changing the saturation by 10% instead.

■ 55.5871, -26.4565,
-0.7132

■ 55.5871, -26.4565,
-0.7132

174.9513,
-45.5204, 4.1414

■ 45.3024, -24.0595,
-1.0429

■ 78.1558, -30.9922,
0.0945

■ 35.7433, -21.5380,
-1.3178

■ 90.3646, -33.1670,
0.5635

■ 26.9710, -18.8458,
-1.5302

■ 103.1502,
-35.2967, 1.0723

■ 19.0638, -15.9072,
-1.6705

■ 116.4876,
-37.3900, 1.6185

■ 12.1291, -13.0457,
-1.7243

■ 130.3550,
-39.4540, 2.2002

■ 5.1797, -9.0645,
-3.3520

144.7328,

0.0000, NaN, NaN

-41.4942, 2.8155

0.0000, NaN, NaN

159.6035,
-43.5151, 3.4630

0.0000, NaN, NaN

■ 55.5871, -26.4565,
-0.7132

■ 55.5871, -26.4565,
-0.7132

■ 55.0995, -28.4550,
-0.7129

■ 56.2220, -23.9182,
-0.5241

■ 54.7464, -29.9344,
-0.5382

■ 57.0077, -20.8345,
-0.1407

■ 54.5151, -30.9367,
-0.2070

■ 57.9493, -17.2160,
0.4401

■ 54.3728, -31.5847,
0.2211

■ 59.0485, -13.0851,
1.2159

■ 60.3051, -8.4737,
2.1808

■ 61.7171, -3.4207,
3.3257

■ 63.2809, 2.0312,
4.6394

■ 64.9920, 7.8376,
6.1091

■ 66.8451, 13.9541,
7.7216

Harmonies

Analogous

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



55.5882, -25.1675, 11.3971



55.5871, -26.4565, -0.7132



55.5882, -21.9426, -14.6621

Triad

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



55.5882, -26.4568, -0.7125



55.5882, 14.1458, -20.1024



55.5882, 6.9494, 21.4815

Complementary

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



55.5871, -26.4565, -0.7132



35.3535, 33.6137, 11.5064

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.



55.5882, 18.9494, 16.3167



55.5871, -26.4565, -0.7132



55.5882, 23.3732, -6.8914

Square

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



55.5882, -26.4568, -0.7125



55.5882, 0.8830, -27.4833



55.5882, 25.2104, 6.5213



55.5882, -6.7189, 22.3774

Rectangle

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



55.5871, -26.4565, -0.7132



55.5882, -15.9695, -22.4762



55.5882, 25.2104, 6.5213



55.5882, 11.3482, 20.2589

Sweetspot

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



55.5882, -26.4568, -0.7125



79.8540, -16.4931, 1.8663



53.9778, -36.6884, 26.9563



37.5623, -8.5926, 0.7246



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.



55.5882, -26.4568, -0.7125



74.0618, -39.0237, -0.9117



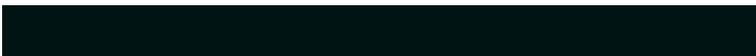
42.9087, -6.9486, -23.5326



29.1917, -3.8718, 1.1020



47.8831, -27.7928, 0.1471



7.4885, -4.2175, -0.2555

Inverse Universe

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



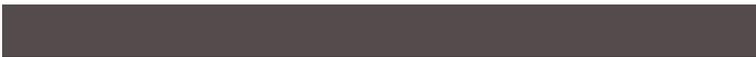
35.3535, 33.6137, 11.5064



43.0132, 55.0409, 18.7369



43.7680, 13.2831, 20.2191



27.4803, 0.9805, 2.0372



25.1251, 43.1316, 15.4288



3.9564, 6.8659, 1.8557

Previews

White Background



This preview shows how the HunterLab color 55.5871, -26.4565, -0.7132 looks on a white background.

Color Contrast Check

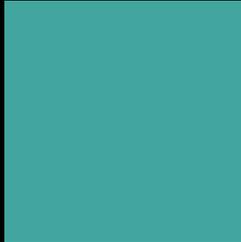
Large Text (above 18pt) WCAG AA × Fail

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 55.5871, -26.4565, -0.7132 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

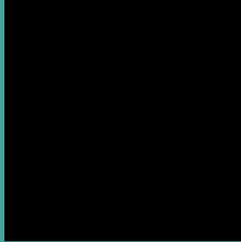
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

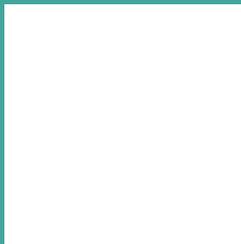
Any Text WCAG AAA ✓ Pass

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

HunterLab 55.5871, -26.4565, -0.7132 Background



This preview shows how black text looks on a background with the HunterLab color 55.5871, -26.4565, -0.7132.



This preview shows how white text looks on a background with the HunterLab color 55.5871,

-26.4565, -0.7132.

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

55.5871, -26.4565, -0.7132

Protanopia

55.1410, -1.8760, 3.8197

Deuteranopia

55.2606, 3.7469, -2.5580



Tritanopia

55.4841, -20.6653, -10.0645

Trichromacy



Original Color

55.5871, -26.4565, -0.7132

Protanomaly

54.5661, -12.8129, 1.1217

Deuteranomaly

54.5121, -9.3366, -3.2470

Tritanomaly

55.4573, -22.9062, -6.3588

Monochromacy



Original Color

55.5871, -26.4565, -0.7132

Achromatopsia

49.2221, -2.6264, 2.6743

Achromatomaly

50.8487, -12.9244, 0.8059

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 55.5871, -26.4565, -0.7132 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(66, 166, 158)` looks like.

```
.text, #text, p{  
    color:rgb(66, 166, 158)  
}
```

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(66, 166, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(66, 166, 158) }
```

Border

The CSS property to change the border of an element to HunterLab 55.5871, -26.4565, -0.7132 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(66, 166, 158) }
```

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

```
.border{ border-color:rgb(66, 166, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(66, 166, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(66, 166, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(66, 166, 158);  
box-shadow:4px 4px 4px 4px rgb(66, 166,  
158) }
```

Background

The CSS property to change the background color of an element to HunterLab 55.5871, -26.4565, -0.7132 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(66, 166, 158) }
```

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

```
.background{ background-color: rgb(66, 166,  
158) }
```

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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