

Converting Colors

HunterLab(53.9657, -30.7662,
7.1107)

Have a look what the booklet for
HunterLab(53.9657, -30.7662,
7.1107) contains.

HunterLab(53.9562, -30.7706, 7.1138)	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(53.9562,
-30.7706, 7.1138)**

Conversions

Conversions Part 1

Format	Color
Hex	36A488
RGB	54, 164, 136
RGB Percent	21%, 64%, 53%
CMY	0.7882, 0.3569, 0.4667
CMYK	0.67, 0.00, 0.17, 0.36
HSL	165°, 50%, 43%
HSV	165°, 67%, 64%
XYZ	19.2407, 29.1127, 27.8977
YIQ	127.9180, -56.5720, -32.0280

Conversions

Conversions Part 2

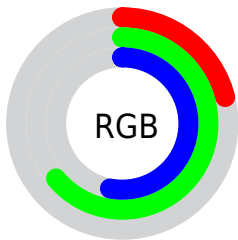
Format	Color
R_{YB}	54, 117, 164
Decimal	3581064
CIE _{Lab}	60.88, -37.80, 5.53
CIE _{LCh}	61, 38.203, 171.683
Yxy	29.1139, 0.2523, 0.3818
Android (android.graphics.Color)	4281771144 (0xFF36A488)
YUV	127.9180, 3.9844, -64.8261
Hunter-Lab	53.9562, -30.7706, 7.1138

Details

The HunterLab color **53.9562, -30.7706, 7.1138** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **33.3778, 38.6683, 7.0625**, and the grayscale version is **46.4305, -2.4774, 2.5227**.

A 20% lighter version of the original color is **76.4447, -36.3660, 9.1280**, and **34.6998, -22.8426, 5.9388** is the 20% darker color. If you saturate the color by 10%, you get **53.4955, -32.8428, 8.2633**, and if you desaturate by 10%, it is **54.5598, -28.1571, 6.0905**.

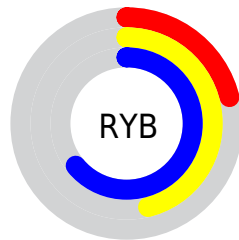
Distribution



Red (21%)

Green (64%)

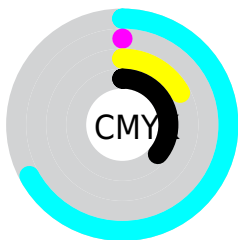
Blue (53%)



Red (21%)

Yellow (46%)

Blue (64%)

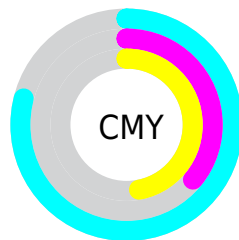


Cyan (67%)

Magenta (0%)

Yellow (17%)

Black (36%)



Cyan (79%)

Magenta (36%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 53.9562, -30.7706, 7.1138 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 53.9562, -30.7706, 7.1138 by changing the saturation by 10% instead.

■ 53.9562, -30.7706,
7.1138

■ 53.9562, -30.7706,
7.1138

172.5549,
-52.9870, 15.6885

■ 43.7801, -27.8929,
6.2547

■ 76.3269, -36.1555,
8.8850

■ 34.3380, -24.8388,
5.4091

■ 88.4443, -38.7124,
9.7983

■ 25.6934, -21.5443,
4.5732

■ 101.1427,
-41.2021, 10.7310

■ 17.9281, -17.9047,
3.7386

■ 114.3966,
-43.6365, 11.6833

■ 11.1559, -15.9667,
2.8911

■ 128.1836,
-46.0254, 12.6552

■ 3.1248, -5.4683,
2.1873

142.4839,

0.0000, NaN, NaN

-48.3761, 13.6468

0.0000, NaN, NaN

157.2797,
-50.6950, 14.6580

0.0000, NaN, NaN

■ 53.9562, -30.7706,
7.1138

■ 53.9562, -30.7706,
7.1138

■ 53.4955, -32.8428,
8.2633

■ 54.5598, -28.1571,
6.0905

■ 53.1628, -34.4014,
9.5146

■ 55.3110, -24.9918,
5.2102

■ 52.9385, -35.5198,
10.8359

■ 56.2160, -21.2828,
4.4877

■ 52.8803, -35.8161,
11.2209

■ 57.2772, -17.0514,
3.9334

■ 58.4950, -12.3294,
3.5531

■ 59.8677, -7.1568,
3.3490

■ 61.3924, -1.5778,
3.3198

■ 63.0646, 4.3610,
3.4615

■ 64.8791, 10.6133,
3.7675

Harmonies

Analogous

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



53.9573, -25.5428, 18.4720



53.9562, -30.7706, 7.1138



53.9573, -29.2624, -9.4171

Triad

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



53.9573, -30.7710, 7.1144



53.9573, 9.3206, -33.2128



53.9573, 18.1839, 21.6261

Complementary

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



53.9562, -30.7706, 7.1138



33.3778, 38.6683, 7.0625

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.



53.9573, 29.8016, 12.9215



53.9562, -30.7706, 7.1138



53.9573, 24.2724, -19.2712

Square

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



53.9573, -30.7710, 7.1144



53.9573, -7.3856, -36.1690



53.9573, 32.1539, -1.6035



53.9573, 1.7745, 25.0468

Rectangle

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



53.9562, -30.7706, 7.1138



53.9573, -24.5492, -21.1746



53.9573, 32.1539, -1.6035



53.9573, 22.8567, 19.3717

Sweetspot

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



53.9573, -30.7710, 7.1144



78.2424, -18.7834, 4.9300



53.5468, -35.2402, 28.5135



36.3786, -9.5767, 2.3678



90.9709, -4.8540, 4.9426



38.3822, -2.0480, 2.0854

Same Dimension

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



53.9573, -30.7710, 7.1144



71.8532, -45.2606, 11.8652



46.6245, -15.1330, -16.1996



28.2494, -3.9499, 1.6027



46.3121, -31.3090, 9.7010



6.7648, -4.2253, 0.6657

Inverse Universe

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



33.3778, 38.6683, 7.0625



40.8922, 60.9047, 13.3569



37.2133, 25.1543, 17.8098



26.6724, 1.1353, 1.4512



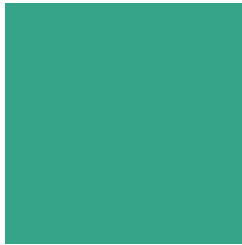
24.8700, 43.1277, 11.9071



3.7029, 6.6103, 0.3082

Previews

White Background



This preview shows how the HunterLab color 53.9562, -30.7706, 7.1138 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 53.9562, -30.7706, 7.1138 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

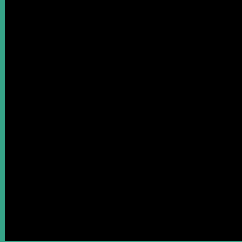
Any Text WCAG AA ✓ Pass

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 53.9562, -30.7706, 7.1138 Background



This preview shows how black text looks on a background with the HunterLab color 53.9562, -30.7706, 7.1138.



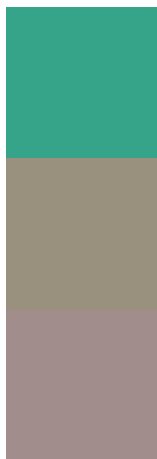
This preview shows how white text looks on a background with the HunterLab color 53.9562, -30.7706, 7.1138.

-30.7706, 7.1138.

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

53.9562, -30.7706, 7.1138

Protanopia

53.4130, -3.1477, 10.9472

Deuteranopia

53.5296, 3.8032, 5.1403



Tritanopia

53.9230, -20.3134, -10.0429

Trichromacy



Original Color

53.9562, -30.7706, 7.1138



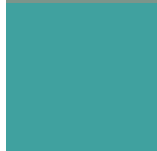
Protanomaly

52.7732, -15.9324, 8.5126



Deuteranomaly

52.5071, -11.7397, 4.5676



Tritanomaly

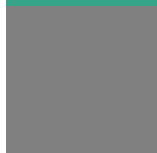
53.9286, -24.4784, -3.2598

Monochromacy



Original Color

53.9562, -30.7706, 7.1138



Achromatopsia

46.4608, -2.4790, 2.5243



Achromatomaly

48.4305, -14.7678, 3.2966

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 53.9562, -30.7706, 7.1138 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(54, 164, 136)` looks like.

```
.text, #text, p{  
    color:rgb(54, 164, 136)  
}
```

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(54, 164, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(54, 164, 136) }
```

Border

The CSS property to change the border of an element to HunterLab 53.9562, -30.7706, 7.1138 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(54, 164, 136) }
```


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

```
.border{ border-color:rgb(54, 164, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(54, 164, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(54, 164, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(54, 164, 136);  
box-shadow:4px 4px 4px 4px rgb(54, 164,  
136) }
```

Background

The CSS property to change the background color of an element to HunterLab 53.9562, -30.7706, 7.1138 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(54, 164, 136) }
```

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

```
.background{ background-color: rgb(54, 164,  
136) }
```

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