

Converting Colors

HunterLab(53.7928, -31.2095,
5.2540)

Have a look what the booklet for
HunterLab(53.7928, -31.2095,
5.2540) contains.

HunterLab(53.7928, -31.2095, 5.2540)	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(53.7928,
-31.2095, 5.2540)**

Conversions

Conversions Part 1

Format	Color
Hex	2AA48C
RGB	42, 164, 140
RGB Percent	16%, 64%, 55%
CMY	0.8353, 0.3569, 0.4510
CMYK	0.74, 0.00, 0.15, 0.36
HSL	168°, 59%, 40%
HSV	168°, 74%, 64%
XYZ	18.9640, 28.9367, 29.3968
YIQ	124.7860, -65.0080, -33.3280

Conversions

Conversions Part 2

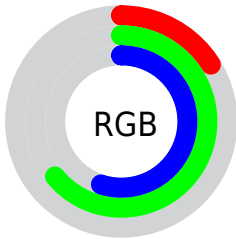
Format	Color
R_{YB}	42, 110, 164
Decimal	2794636
CIE _{Lab}	60.73, -38.55, 3.02
CIE _{LCh}	61, 38.664, 175.516
Y _{xy}	28.9378, 0.2453, 0.3744
Android (android.graphics.Color)	4280984716 (0xFF2AA48C)
YUV	124.7860, 7.5005, -72.6033
Hunter-Lab	53.7928, -31.2095, 5.2540

Details

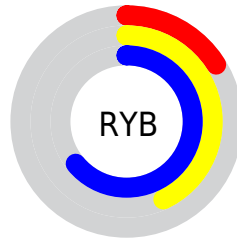
The HunterLab color **53.7928, -31.2095, 5.2540** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **31.5319, 41.7467, 10.4669**, and the grayscale version is **45.1932, -2.4114, 2.4554**.

A 20% lighter version of the original color is **76.2643, -36.8396, 7.1259**, and **34.7952, -22.2631, 4.5686** is the 20% darker color. If you saturate the color by 10%, you get **53.4472, -32.7788, 6.1997**, and if you desaturate by 10%, it is **54.2713, -29.1290, 4.4431**.

Distribution



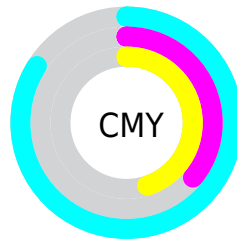
- Red (16%)
- Green (64%)
- Blue (55%)



- Red (16%)
- Yellow (43%)
- Blue (64%)



- Cyan (74%)
- Magenta (0%)
- Yellow (15%)
- Black (36%)



- Cyan (84%)
- Magenta (36%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 53.7928, -31.2095, 5.2540 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 53.7928, -31.2095, 5.2540 by changing the saturation by 10% instead.

■ 53.7928, -31.2095,
5.2540

■ 53.7928, -31.2095,
5.2540

172.3140,
-53.7664, 12.8518

■ 43.6277, -28.2794,
4.5369

■ 76.1434, -36.6864,
6.7693

■ 34.1975, -25.1672,
3.8457

■ 88.2516, -39.2847,
7.5654

■ 25.5659, -21.8068,
3.1805

■ 100.9411,
-41.8132, 8.3867

■ 17.8150, -18.0902,
2.5393

■ 114.1866,
-44.2846, 9.2326

■ 11.0594, -16.3239,
1.9168

■ 127.9655,
-46.7084, 10.1026

■ 2.8363, -4.9636,
1.9854

142.2580,

0.0000, NaN, NaN

-49.0926, 10.9961

0.0000, NaN, NaN

157.0462,
-51.4436, 11.9127

0.0000, NaN, NaN

■ 53.7928, -31.2095,
5.2540

■ 53.7928, -31.2095,
5.2540

■ 53.4472, -32.7788,
6.1997

■ 54.2713, -29.1290,
4.4431

■ 53.2165, -33.8839,
7.2538

■ 54.8903, -26.5113,
3.7845

■ 53.1137, -34.3958,
7.8631

■ 55.6582, -23.3500,
3.2938

■ 56.5794, -19.6544,
2.9810

■ 57.6562, -15.4464,
2.8520

■ 58.8885, -10.7583,
2.9085

■ 60.2746, -5.6292,
3.1485

■ 61.8112, -0.1028,
3.5669

■ 63.4940, 5.7756,
4.1564

Harmonies

Analogous

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



53.7938, -26.7972, 17.4725



53.7928, -31.2095, 5.2540



53.7938, -28.8199, -11.9093

Triad

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



53.7938, -31.2098, 5.2546



53.7938, 11.6215, -32.4370



53.7938, 16.4757, 22.4662

Complementary

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



53.7928, -31.2095, 5.2540



31.5319, 41.7467, 10.4669

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.



53.7938, 29.1691, 14.4628



53.7928, -31.2095, 5.2540



53.7938, 26.1361, -17.3218

Square

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



53.7938, -31.2098, 5.2546



53.7938, -5.3528, -37.1326



53.7938, 32.9021, 0.4929



53.7938, -0.3479, 25.2985

Rectangle

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



53.7928, -31.2095, 5.2540



53.7938, -23.5152, -23.6410



53.7938, 32.9021, 0.4929



53.7938, 21.4436, 20.4373

Sweetspot

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



53.7938, -31.2098, 5.2546



77.9888, -19.6137, 3.8377



52.8124, -38.4511, 29.4098



36.2784, -9.8892, 1.7981



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.



53.7938, -31.2098, 5.2546



71.7952, -45.1645, 9.2309



42.9605, -11.6188, -22.2051



28.2617, -3.8814, 1.4272



46.5151, -30.0737, 6.7806



6.7853, -4.1014, 0.3728

Inverse Universe

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



31.5319, 41.7467, 10.4669



39.1143, 63.6730, 18.5101



36.8716, 25.0161, 19.6348



26.6603, 1.0697, 1.6248



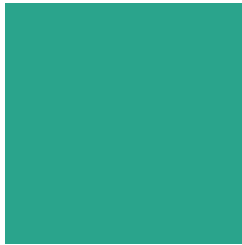
24.7756, 42.7790, 13.2961



3.6722, 6.4984, 0.7484

Previews

White Background



This preview shows how the HunterLab color 53.7928, -31.2095, 5.2540 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 53.7928, -31.2095, 5.2540 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

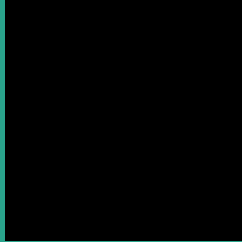
Any Text WCAG AA ✓ Pass

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 53.7928, -31.2095, 5.2540 Background



This preview shows how black text looks on a background with the HunterLab color 53.7928, -31.2095, 5.2540.



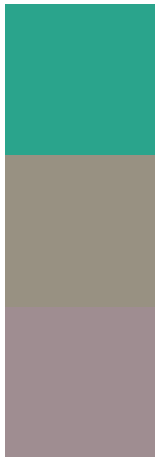
This preview shows how white text looks on a background with the HunterLab color 53.7928,

-31.2095, 5.2540.

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

53.7928, -31.2095, 5.2540

Protanopia

53.4209, -2.9230, 9.4272

Deuteranopia

53.3526, 3.4357, 3.1666



Tritanopia

53.6055, -21.5245, -10.5139

Trichromacy



Original Color

53.7928, -31.2095, 5.2540

Protanomaly

52.5571, -16.5313, 6.6524

Deuteranomaly

52.1451, -12.8371, 2.3595

Tritanomaly

53.6514, -25.4919, -4.1396

Monochromacy



Original Color

53.7928, -31.2095, 5.2540

Achromatopsia

45.2856, -2.4163, 2.4605

Achromatomaly

47.4445, -15.3775, 2.5740

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 53.7928, -31.2095, 5.2540 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(42, 164, 140)` looks like.

```
.text, #text, p{  
    color:rgb(42, 164, 140)  
}
```

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(42, 164, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(42, 164, 140) }
```

Border

The CSS property to change the border of an element to HunterLab 53.7928, -31.2095, 5.2540 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(42, 164, 140) }
```


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

```
.border{ border-color:rgb(42, 164, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(42, 164, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(42, 164, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(42, 164, 140);  
box-shadow:4px 4px 4px 4px rgb(42, 164,  
140) }
```

Background

The CSS property to change the background color of an element to HunterLab 53.7928, -31.2095, 5.2540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(42, 164, 140) }
```

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

```
.background{ background-color: rgb(42, 164,  
140) }
```

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