

Converting Colors

HunterLab(54.6387, -31.2742,
6.4229)

Have a look what the booklet for
HunterLab(54.6387, -31.2742,
6.4229) contains.

HunterLab(54.6263, -31.3485, 6.6002)	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(54.6263,
-31.3485, 6.6002)**

Conversions

Conversions Part 1

Format	Color
Hex	33A68B
RGB	51, 166, 139
RGB Percent	20%, 65%, 55%
CMY	0.8000, 0.3490, 0.4549
CMYK	0.69, 0.00, 0.16, 0.35
HSL	166°, 53%, 43%
HSV	166°, 69%, 65%
XYZ	19.6617, 29.8403, 29.1496
YIQ	128.5370, -59.8730, -32.7770

Conversions

Conversions Part 2

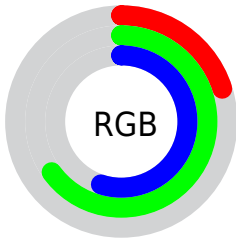
Format	Color
R_{YB}	51, 116, 166
Decimal	3384971
CIE _{Lab}	61.52, -38.41, 4.75
CIE _{LCh}	62, 38.706, 172.952
Yxy	29.8415, 0.2500, 0.3794
Android (android.graphics.Color)	4281575051 (0xFF33A68B)
YUV	128.5370, 5.1583, -67.9999
Hunter-Lab	54.6263, -31.3485, 6.6002

Details

The HunterLab color **54.6263, -31.3485, 6.6002** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **33.2046, 40.1922, 8.2921**, and the grayscale version is **46.6701, -2.4902, 2.5357**.

A 20% lighter version of the original color is **77.1317, -37.0478, 8.5460**, and **35.3999, -23.0816, 5.5797** is the 20% darker color. If you saturate the color by 10%, you get **54.1965, -33.2862, 7.6952**, and if you desaturate by 10%, it is **55.1981, -28.8698, 5.6375**.

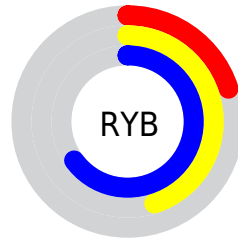
Distribution



Red (20%)

Green (65%)

Blue (55%)



Red (20%)

Yellow (45%)

Blue (65%)

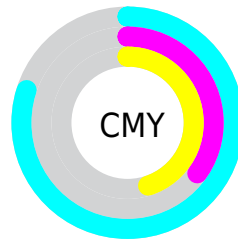


Cyan (69%)

Magenta (0%)

Yellow (16%)

Black (35%)



Cyan (80%)

Magenta (35%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 54.6263, -31.3485, 6.6002 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 54.6263, -31.3485, 6.6002 by changing the saturation by 10% instead.

■ 54.6263, -31.3485,
6.6002

■ 54.6263, -31.3485,
6.6002

173.5410,
-53.8039, 14.8823

■ 44.4053, -28.4396,
5.7844

■ 77.0788, -36.7927,
8.2941

■ 34.9148, -25.3535,
4.9861

■ 89.2339, -39.3779,
9.1722

■ 26.2174, -22.0267,
4.2030

■ 101.9683,
-41.8947, 10.0714

■ 18.3933, -18.3562,
3.4292

■ 115.2567,
-44.3556, 10.9919

■ 11.5537, -15.9835,
2.6520

■ 129.0769,
-46.7699, 11.9335

■ 4.0984, -7.1721,
2.8688

143.4092,

0.0000, NaN, NaN

-49.1455, 12.8959

0.0000, NaN, NaN

158.2359,
-51.4884, 13.8789

0.0000, NaN, NaN

■ 54.6263, -31.3485,
6.6002

■ 54.6263, -31.3485,
6.6002

■ 54.1965, -33.2862,
7.6952

■ 55.1981, -28.8698,
5.6375

■ 53.8929, -34.7167,
8.8971

■ 55.9178, -25.8346,
4.8241

■ 53.6857, -35.7553,
10.1638

■ 56.7921, -22.2466,
4.1752

■ 53.6716, -35.8267,
10.2548

■ 57.8242, -18.1238,
3.7011

■ 59.0151, -13.4957,
3.4075

■ 60.3635, -8.4004,
3.2964

■ 61.8669, -2.8816,
3.3662

■ 63.5210, 3.0142,
3.6122

■ 65.3208, 9.2403,
4.0274

Harmonies

Analogous

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



54.6274, -26.3210, 18.3995



54.6263, -31.3485, 6.6002



54.6274, -29.5252, -10.3749

Triad

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



54.6274, -31.3489, 6.6008



54.6274, 10.2185, -33.4326



54.6274, 17.8732, 22.2108

Complementary

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



54.6263, -31.3485, 6.6002



33.2046, 40.1922, 8.2921

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.



54.6274, 30.0172, 13.6231



54.6263, -31.3485, 6.6002



54.6274, 25.2391, -18.8941

Square

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



54.6274, -31.3489, 6.6008



54.6274, -6.8137, -37.0111



54.6274, 32.8633, -0.9209



54.6274, 1.0906, 25.4789

Rectangle

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



54.6263, -31.3485, 6.6002



54.6274, -24.5496, -22.2945



54.6274, 32.8633, -0.9209



54.6274, 22.7117, 20.0020

Sweetspot

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



54.6274, -31.3489, 6.6008



79.1456, -19.5540, 4.6536



54.0438, -36.7039, 29.2224



37.2351, -10.0440, 2.2462



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.



54.6274, -31.3489, 6.6008



72.7759, -45.9376, 11.2036



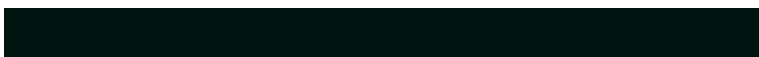
46.2824, -14.5409, -17.9529



29.1573, -4.0631, 1.5924



47.2701, -31.5003, 8.9165



7.4216, -4.6200, 0.6970

Inverse Universe

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



33.2046, 40.1922, 8.2921



40.7344, 62.8596, 15.4095



37.4803, 25.7295, 18.5903



27.5138, 1.1609, 1.5590



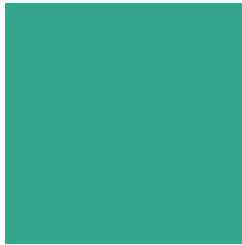
25.3107, 43.8184, 12.6883



4.0429, 7.1832, 0.5998

Previews

White Background



This preview shows how the HunterLab color 54.6263, -31.3485, 6.6002 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 54.6263, -31.3485, 6.6002 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

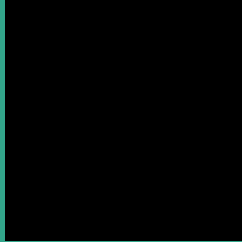
Any Text WCAG AA ✓ Pass

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 54.6263, -31.3485, 6.6002 Background



This preview shows how black text looks on a background with the HunterLab color 54.6263, -31.3485, 6.6002.



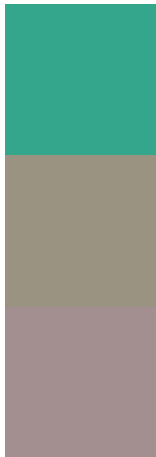
This preview shows how white text looks on a background with the HunterLab color 54.6263, -31.3485, 6.6002.

-31.3485, 6.6002.

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

54.6263, -31.3485, 6.6002

Protanopia

54.1502, -3.3785, 10.5677

Deuteranopia

54.2633, 3.5956, 4.6700



Tritanopia

54.5662, -21.0084, -10.2554

Trichromacy



Original Color

54.6263, -31.3485, 6.6002



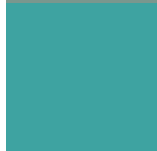
Protanomaly

53.4664, -16.3612, 8.0520



Deuteranomaly

53.1261, -12.4158, 3.9583



Tritanomaly

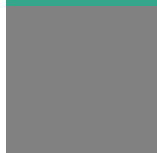
54.5818, -25.1512, -3.4340

Monochromacy



Original Color

54.6263, -31.3485, 6.6002



Achromatopsia

46.8536, -2.5000, 2.5456



Achromatomaly

48.7916, -14.8748, 2.8397

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 54.6263, -31.3485, 6.6002 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(51, 166, 139)` looks like.

```
.text, #text, p{  
    color:rgb(51, 166, 139)  
}
```

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(51, 166, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 166, 139) }
```

Border

The CSS property to change the border of an element to HunterLab 54.6263, -31.3485, 6.6002 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(51, 166, 139) }
```


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

```
.border{ border-color:rgb(51, 166, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 166, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 166, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 166, 139);  
box-shadow:4px 4px 4px 4px rgb(51, 166,  
139) }
```

Background

The CSS property to change the background color of an element to HunterLab 54.6263, -31.3485, 6.6002 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 166, 139) }
```

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

```
.background{ background-color: rgb(51, 166,  
139) }
```

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