

Converting Colors

HunterLab(53.0314, -8.6098,
18.7336)

Have a look what the booklet for
HunterLab(53.0314, -8.6098,
18.7336) contains.

HunterLab(53.0122, -8.6080, 18.7452)	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(53.0122, -8.6080,
18.7452)**

Conversions

Conversions Part 1

Format	Color
Hex	949365
RGB	148, 147, 101
RGB Percent	58%, 58%, 40%
CMY	0.4196, 0.4235, 0.6039
CMYK	0.00, 0.01, 0.32, 0.42
HSL	59°, 19%, 49%
HSV	59°, 32%, 58%
XYZ	24.9954, 28.1029, 16.4190
YIQ	142.0550, 15.3620, -14.0940

Conversions

Conversions Part 2

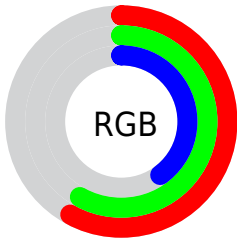
Format	Color
R_YB	102, 148, 101
Decimal	9737061
CIE Lab	59.98, -7.17, 24.55
CIE LCh	60, 25.576, 106.279
Yxy	28.1042, 0.3596, 0.4043
Android (android.graphics.Color)	4287927141 (0xFF949365)
YUV	142.0550, -20.2401, 5.2138
Hunter-Lab	53.0122, -8.6080, 18.7452

Details

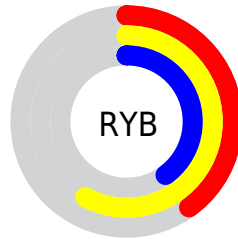
The HunterLab color **53.0122, -8.6080, 18.7452** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **37.9568, 6.2957, -20.2645**, and the grayscale version is **52.1064, -2.7803, 2.8310**.

A 20% lighter version of the original color is **75.3238, -10.5255, 22.8475**, and **33.6054, -7.0678, 14.6413** is the 20% darker color. If you saturate the color by 10%, you get **52.6710, -9.8690, 22.3243**, and if you desaturate by 10%, it is **53.4028, -7.0949, 14.5049**.

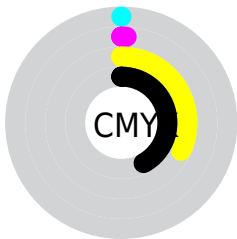
Distribution



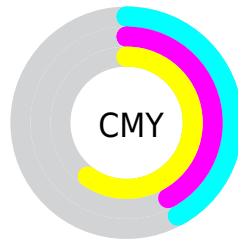
- Red (58%)
- Green (58%)
- Blue (40%)



- Red (40%)
- Yellow (58%)
- Blue (40%)



- Cyan (0%)
- Magenta (1%)
- Yellow (32%)
- Black (42%)



- Cyan (42%)
- Magenta (42%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 53.0122, -8.6080, 18.7452 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 53.0122, -8.6080, 18.7452 by changing the saturation by 10% instead.

■ 53.0122, -8.6080,
18.7452

■ 53.0122, -8.6080,
18.7452

171.1621,
-17.7845, 35.3845

■ 42.9001, -7.6578,
16.6740

■ 75.2667, -10.5441,
22.6726

■ 33.5270, -6.7114,
14.4958

■ 87.3305, -11.5312,
24.5610

■ 24.9578, -5.7636,
12.1698

■ 99.9777, -12.5331,
26.4146

■ 17.2765, -4.8024,
9.7175

■ 113.1826,
-13.5507, 28.2413

■ 10.6009, -3.8037,
7.4206

126.9226,
-14.5843, 30.0472

0.0000, NaN, NaN

141.1775,

0.0000, NaN, NaN

-15.6344, 31.8372

0.0000, NaN, NaN

155.9294,
-16.7011, 33.6153

0.0000, NaN, NaN

■ 53.0122, -8.6080,
18.7452

■ 53.0122, -8.6080,
18.7452

■ 52.6710, -9.8690,
22.3243

■ 53.4028, -7.0949,
14.5049

■ 52.3738, -10.8796,
25.2568

■ 53.8406, -5.3213,
9.5927

■ 52.1196, -11.6510,
27.5675

■ 54.3279, -3.2875,
4.0067

■ 51.9059, -12.1962,
29.2898

■ 54.8654, -0.9947,
-2.2495

■ 51.7293, -12.5322,
30.4674

■ 55.4535, 1.5538,
-9.1669

■ 51.5859, -12.6813,
31.1577

■ 56.0926, 4.3531,
-16.7319

■ 51.4830, -12.7175,
31.5009

■ 56.7826, 7.3963,
-24.9266

■ 57.5233, 10.6756,
-33.7299

■ 58.3143, 14.1817,
-43.1177

Harmonies

Analogous

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



53.0134, 2.2596, 18.8983



53.0122, -8.6080, 18.7452



53.0134, -17.2164, 14.9540

Triad

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



53.0134, -8.6096, 18.7458



53.0134, -16.6228, -13.7405



53.0134, 19.2302, -2.0923

Complementary

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



53.0122, -8.6080, 18.7452



37.9568, 6.2957, -20.2645

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.



53.0134, 13.2723, -12.9212



53.0122, -8.6080, 18.7452



53.0134, -7.7374, -20.5130

Square

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



53.0134, -8.6096, 18.7458



53.0134, -21.5794, -3.0461



53.0134, 3.2052, -20.1858



53.0134, 18.9487, 8.2024

Rectangle

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



53.0122, -8.6080, 18.7452



53.0134, -20.7759, 10.3324



53.0134, 3.2052, -20.1858



53.0134, 17.8712, -5.8277

Sweetspot

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



53.0134, -8.6096, 18.7458



71.6143, -6.6707, 11.6465



40.7114, 13.3462, 6.7971



34.1784, -3.3433, 5.9948



86.5109, -4.6160, 4.7003



34.5370, -1.8428, 1.8765

Same Dimension

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



53.0134, -8.6096, 18.7458



70.0941, -12.6430, 28.3206



51.5366, -15.5386, 17.3199



25.9303, -2.3195, 3.9551



47.5865, -11.7617, 29.1167



5.3156, -1.3757, 3.2513

Inverse Universe

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



37.9568, 6.2957, -20.2645



45.9622, 11.6524, -35.2436



39.5625, 12.6923, -17.3870



23.7728, -0.2396, -1.4911



13.7465, 35.6420, -94.1227



1.6446, 3.4421, -9.4862

Previews

White Background



This preview shows how the HunterLab color 53.0122, -8.6080, 18.7452 looks on a white background.

Color Contrast Check

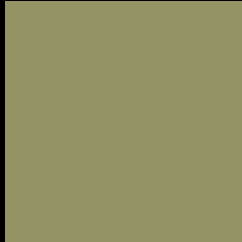
Large Text (above 18pt) WCAG AA ✓ Pass

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 53.0122, -8.6080, 18.7452 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

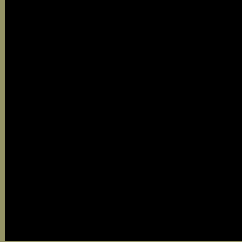
Any Text WCAG AA ✓ Pass

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 53.0122, -8.6080, 18.7452 Background



This preview shows how black text looks on a background with the HunterLab color 53.0122, -8.6080, 18.7452.



This preview shows how white text looks on a background with the HunterLab color 53.0122, -8.6080,

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

53.0122, -8.6080, 18.7452

Protanopia

52.8531, -4.7383, 18.9600

Deuteranopia

52.8459, 3.9540, 18.2359



Tritanopia

53.0912, 2.9745, -0.4075

Trichromacy



Original Color

53.0122, -8.6080, 18.7452

Protanomaly

52.8613, -6.1889, 18.9417

Deuteranomaly

52.7215, -0.7556, 18.3370

Tritanomaly

52.9280, -1.5496, 7.7293

Monochromacy



Original Color

53.0122, -8.6080, 18.7452

Achromatopsia

52.0094, -2.7751, 2.8258

Achromatomaly

52.3528, -5.3362, 9.4268

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 53.0122, -8.6080, 18.7452 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(148, 147, 101)` looks like.

```
.text, #text, p{  
    color:rgb(148, 147, 101)  
}
```

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(148, 147, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 147, 101) }
```

Border

The CSS property to change the border of an element to HunterLab 53.0122, -8.6080, 18.7452 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(148, 147, 101) }
```


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

```
.border{ border-color:rgb(148, 147, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 147, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 147, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 147, 101);  
box-shadow:4px 4px 4px 4px rgb(148, 147,  
101) }
```

Background

The CSS property to change the background color of an element to HunterLab 53.0122, -8.6080, 18.7452 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 147, 101) }
```

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

```
.background{ background-color: rgb(148,  
147, 101) }
```

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