

Converting Colors

HunterLab(51.9991, -5.7566,
13.0094)

Have a look what the booklet for
HunterLab(51.9991, -5.7566,
13.0094) contains.

HunterLab(51.9778, -5.6946, 13.0813)	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(51.9778, -5.6946,
13.0813)**

Conversions

Conversions Part 1

Format	Color
Hex	928F74
RGB	146, 143, 116
RGB Percent	57%, 56%, 45%
CMY	0.4274, 0.4392, 0.5451
CMYK	0.00, 0.02, 0.21, 0.43
HSL	54°, 12%, 51%
HSV	54°, 21%, 57%
XYZ	24.8290, 27.0169, 20.4292
YIQ	140.8190, 10.4550, -7.7610

Conversions

Conversions Part 2

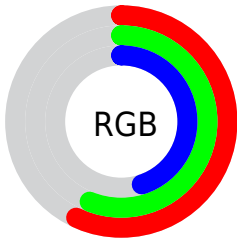
Format	Color
R_{YB}	119, 146, 116
Decimal	9604980
CIE _{Lab}	58.99, -3.61, 14.80
CIE _{LCh}	59, 15.230, 103.701
Yxy	27.0181, 0.3435, 0.3738
Android (android.graphics.Color)	4287795060 (0xFF928F74)
YUV	140.8190, -12.2358, 4.5437
Hunter-Lab	51.9778, -5.6946, 13.0813

Details

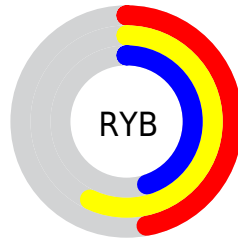
The HunterLab color $51.9778, -5.6946, 13.0813$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $43.5679, 1.5493, -10.1344$, and the grayscale version is $51.5827, -2.7523, 2.8026$.

A 20% lighter version of the original color is $74.1883, -7.4738, 15.9773$, and $32.6787, -4.3289, 10.1384$ is the 20% darker color. If you saturate the color by 10%, you get $51.2538, -6.7080, 17.1031$, and if you desaturate by 10%, it is $52.7502, -4.4425, 8.4507$.

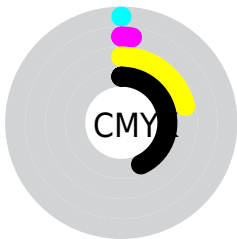
Distribution



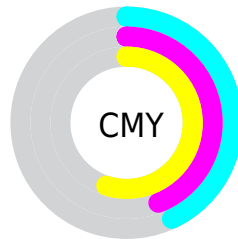
- Red (57%)
- Green (56%)
- Blue (45%)



- Red (47%)
- Yellow (57%)
- Blue (45%)



- Cyan (0%)
- Magenta (2%)
- Yellow (21%)
- Black (43%)



- Cyan (43%)
- Magenta (44%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 51.9778, -5.6946, 13.0813 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 51.9778, -5.6946, 13.0813 by changing the saturation by 10% instead.

■ 51.9778, -5.6946,
13.0813

■ 51.9778, -5.6946,
13.0813

169.6304,
-13.4176, 25.4486

■ 41.9367, -4.9534,
11.6540

■ 74.1033, -7.2519,
15.8638

■ 32.6401, -4.2335,
10.1827

■ 86.1076, -8.0650,
17.2350

■ 24.1548, -3.5349,
8.6444

■ 98.6982, -8.9013,
18.6004

■ 16.5672, -2.8539,
6.9991

111.8489, -9.7605,
19.9640

■ 9.9998, -2.1822,
6.7077

125.5367,
-10.6421, 21.3286

0.0000, NaN, NaN

139.7414,

0.0000, NaN, NaN

-11.5457, 22.6965

0.0000, NaN, NaN

154.4447,
-12.4710, 24.0694

0.0000, NaN, NaN

■ 51.9778, -5.6946,
13.0813

■ 51.9778, -5.6946,
13.0813

■ 51.2538, -6.7080,
17.1031

■ 52.7502, -4.4425,
8.4507

■ 50.5743, -7.4785,
20.5118

■ 53.5676, -2.9493,
3.2166

■ 49.9394, -8.0103,
23.3124

■ 54.4313, -1.2200,
-2.6083

■ 49.3480, -8.3091,
25.5168

■ 55.3409, 0.7399,
-9.0084

■ 48.7983, -8.3839,
27.1455

■ 56.2961, 2.9241,
-15.9649

■ 48.2879, -8.2479,
28.2304

■ 57.2960, 5.3249,
-23.4572

■ 47.8134, -7.9197,
28.8173

■ 58.3401, 7.9343,
-31.4626

■ 47.3875, -7.4920,
29.0688

■ 59.4275, 10.7433,
-39.9574

■ 60.5571, 13.7428,
-48.9175

Harmonies

Analogous

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



51.9790, 0.7686, 12.9727



51.9778, -5.6946, 13.0813



51.9790, -11.1115, 10.6929

Triad

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



51.9790, -5.6961, 13.0820



51.9790, -11.4848, -6.0484



51.9790, 9.7377, -0.6098

Complementary

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



51.9778, -5.6946, 13.0813



43.5679, 1.5493, -10.1344

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.



51.9790, 6.1197, -6.4944



51.9778, -5.6946, 13.0813



51.9790, -6.2286, -9.8877

Square

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



51.9790, -5.6961, 13.0820



51.9790, -14.3412, -0.0585



51.9790, 0.2095, -10.0602



51.9790, 9.8976, 5.5605

Rectangle

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



51.9778, -5.6946, 13.0813



51.9790, -13.4863, 7.8137



51.9790, 0.2095, -10.0602



51.9790, 8.8779, -2.7034

Sweetspot

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



51.9790, -5.6961, 13.0820



70.5354, -5.0618, 8.2452



44.6476, 7.5415, 4.4666



33.2401, -2.4389, 4.0702



85.4018, -4.5568, 4.6400



33.5864, -1.7921, 1.8248

Same Dimension

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



51.9790, -5.6961, 13.0820



68.5530, -8.2721, 20.1253



51.8530, -10.6613, 12.8716



25.7812, -2.0764, 3.7982



44.4739, -7.0600, 27.2810



5.1490, -1.1300, 3.1530

Inverse Universe

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



43.5679, 1.5493, -10.1344



54.7731, 3.6811, -18.1143



43.7672, 6.3461, -9.7590



23.9179, -0.4863, -1.3082



14.6076, 32.1075, -87.5692



2.1088, 1.9758, -6.9011

Previews

White Background



This preview shows how the HunterLab color 51.9778, -5.6946, 13.0813 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 51.9778, -5.6946, 13.0813 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

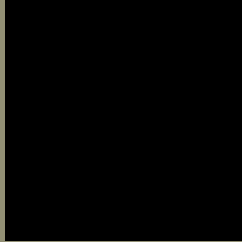
Any Text WCAG AA ✓ Pass

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 51.9778, -5.6946, 13.0813 Background



This preview shows how black text looks on a background with the HunterLab color 51.9778, -5.6946, 13.0813.



This preview shows how white text looks on a background with the HunterLab color 51.9778, -5.6946, 13.0813.

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

51.9778, -5.6946, 13.0813

Protanopia

52.0268, -4.0893, 13.5030

Deuteranopia

51.7544, 3.6728, 12.6751



Tritanopia

51.7986, 2.7091, -0.5806

Trichromacy



Original Color

51.9778, -5.6946, 13.0813

Protanomaly

51.9359, -4.4080, 13.4091

Deuteranomaly

51.8823, -0.1437, 12.7345

Tritanomaly

51.9152, -0.4660, 4.9528

Monochromacy



Original Color

51.9778, -5.6946, 13.0813

Achromatopsia

51.6097, -2.7538, 2.8041

Achromatomaly

51.8185, -3.9943, 6.8831

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 51.9778, -5.6946, 13.0813 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(146, 143, 116)` looks like.

```
.text, #text, p{  
    color:rgb(146, 143, 116)  
}
```

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(146, 143, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 143, 116) }
```

Border

The CSS property to change the border of an element to HunterLab 51.9778, -5.6946, 13.0813 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(146, 143, 116) }
```


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

```
.border{ border-color:rgb(146, 143, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 143, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 143, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 143, 116);  
box-shadow:4px 4px 4px 4px rgb(146, 143,  
116) }
```

Background

The CSS property to change the background color of an element to HunterLab 51.9778, -5.6946, 13.0813 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 143, 116) }
```

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

```
.background{ background-color: rgb(146,  
143, 116) }
```

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