

Converting Colors

HunterLab(51.2414, -13.1751,
15.2748)

Have a look what the booklet for
HunterLab(51.2414, -13.1751,
15.2748) contains.

HunterLab(51.2703, -13.1777, 15.2761)	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(51.2703,
-13.1777, 15.2761)**

Conversions

Conversions Part 1

Format	Color
Hex	81926B
RGB	129, 146, 107
RGB Percent	51%, 57%, 42%
CMY	0.4941, 0.4274, 0.5804
CMYK	0.12, 0.00, 0.27, 0.43
HSL	86°, 15%, 50%
HSV	86°, 27%, 57%
XYZ	21.9860, 26.2864, 17.8249
YIQ	136.4710, 2.3870, -15.7330

Conversions

Conversions Part 2

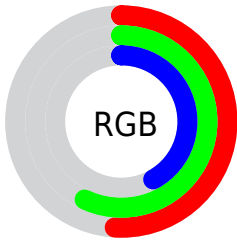
Format	Color
RYB	107, 146, 124
Decimal	8491627
CIELab	58.31, -13.36, 18.71
CIELCh	58, 22.992, 125.539
Yxy	26.2876, 0.3326, 0.3977
Android (android.graphics.Color)	4286681707 (0xFF81926B)
YUV	136.4710, -14.5292, -6.5521
Hunter-Lab	51.2703, -13.1777, 15.2761

Details

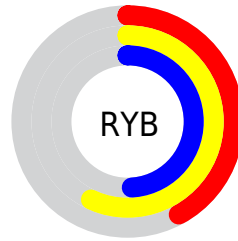
The HunterLab color $51.2703, -13.1777, 15.2761$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $41.0811, 9.6183, -13.7675$, and the grayscale version is $49.8618, -2.6605, 2.7091$.

A 20% lighter version of the original color is $73.3191, -15.8225, 18.3772$, and $31.8786, -10.3986, 11.7659$ is the 20% darker color. If you saturate the color by 10%, you get $50.5200, -16.5256, 18.8498$, and if you desaturate by 10%, it is $52.0917, -9.5436, 11.1218$.

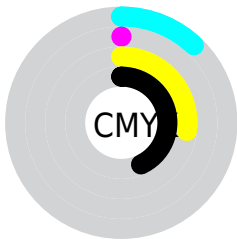
Distribution



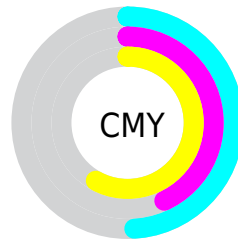
- Red (51%)
- Green (57%)
- Blue (42%)



- Red (42%)
- Yellow (57%)
- Blue (49%)



- Cyan (12%)
- Magenta (0%)
- Yellow (27%)
- Black (43%)



- Cyan (49%)
- Magenta (43%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 51.2703, -13.1777, 15.2761 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 51.2703, -13.1777, 15.2761 by changing the saturation by 10% instead.

■ 51.2703, -13.1777,
15.2761

■ 51.2703, -13.1777,
15.2761

168.5796,
-24.8916, 29.3454

■ 41.2782, -11.8536,
13.5881

■ 73.3066, -15.7831,
18.5182

■ 32.0347, -10.4983,
11.8281

■ 85.2699, -17.0752,
20.0959

■ 23.6076, -9.0943,
9.9637

■ 97.8214, -18.3665,
21.6558

■ 16.0852, -7.6093,
7.9460

■ 110.9346,
-19.6599, 23.2035

■ 9.5932, -6.5906,
6.7153

124.5864,
-20.9576, 24.7432

0.0000, NaN, NaN

138.7565,

0.0000, NaN, NaN

-22.2612, 26.2784

0.0000, NaN, NaN

153.4264,
-23.5722, 27.8118

0.0000, NaN, NaN

■ 51.2703, -13.1777,
15.2761

■ 51.2703, -13.1777,
15.2761

■ 50.5200, -16.5256,
18.8498

■ 52.0917, -9.5436,
11.1218

■ 49.8374, -19.5727,
21.8366

■ 52.9803, -5.6329,
6.3967

■ 49.2229, -22.3128,
24.2404

■ 53.9366, -1.4623,
1.1182

■ 48.6753, -24.7430,
26.0746

■ 54.9595, 2.9515,
-4.6924

■ 48.1927, -26.8655,
27.3640

■ 56.0475, 7.5910,
-11.0108

■ 47.7721, -28.6893,
28.1477

■ 57.1991, 12.4384,
-17.8102

■ 47.4076, -30.2432,
28.5105

■ 58.4124, 17.4763,
-25.0628

■ 47.2954, -30.7218,
28.6054

■ 59.6857, 22.6873,
-32.7400

■ 61.0169, 28.0552,
-40.8133

Harmonies

Analogous

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



51.2714, -4.5342, 17.5479



51.2703, -13.1777, 15.2761



51.2714, -18.6998, 9.6347

Triad

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



51.2714, -13.1790, 15.2767



51.2714, -10.2667, -16.2234



51.2714, 17.2705, 4.4813

Complementary

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



51.2703, -13.1777, 15.2761



41.0811, 9.6183, -13.7675

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.



51.2714, 15.4511, -5.1496



51.2703, -13.1777, 15.2761



51.2714, -0.9177, -18.3024

Square

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



51.2714, -13.1790, 15.2767



51.2714, -17.1084, -8.6851



51.2714, 8.6107, -13.9299



51.2714, 13.4122, 12.1059

Rectangle

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



51.2703, -13.1777, 15.2761



51.2714, -20.1096, 4.1575



51.2714, 8.6107, -13.9299



51.2714, 17.3057, 1.3855

Sweetspot

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



51.2714, -13.1790, 15.2767



70.1900, -8.2557, 9.4512



46.4367, 2.1646, 10.8914



33.0271, -4.2387, 4.8802



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.



51.2714, -13.1790, 15.2767



67.4936, -20.1888, 23.2000



49.9098, -18.2656, 13.9098



25.7295, -3.2365, 3.7218



44.3810, -28.7579, 26.8439



5.0848, -2.4837, 3.0897

Inverse Universe

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



41.0811, 9.6183, -13.7675



51.1029, 16.6226, -23.8790



42.9730, 15.5324, -10.7701



23.9775, 0.6590, -1.2115



16.6970, 39.5317, -73.9969



2.2594, 4.8585, -6.2091

Previews

White Background



This preview shows how the HunterLab color 51.2703, -13.1777, 15.2761 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 51.2703, -13.1777, 15.2761 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

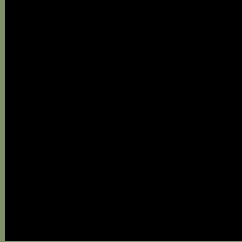
Any Text WCAG AA ✓ Pass

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 51.2703, -13.1777, 15.2761 Background



This preview shows how black text looks on a background with the HunterLab color 51.2703, -13.1777, 15.2761.



This preview shows how white text looks on a background with the HunterLab color 51.2703,

-13.1777, 15.2761.

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

51.2703, -13.1777, 15.2761

Protanopia

51.2247, -4.4280, 16.3281

Deuteranopia

51.0361, 3.7044, 14.7052



Tritanopia

51.1287, -2.3502, -2.4875

Trichromacy



Original Color

51.2703, -13.1777, 15.2761

Protanomaly

51.1045, -7.7767, 15.8490

Deuteranomaly

50.8321, -2.7200, 14.7269

Tritanomaly

51.0704, -6.4709, 4.7452

Monochromacy



Original Color

51.2703, -13.1777, 15.2761

Achromatopsia

49.6187, -2.6475, 2.6959

Achromatomaly

50.2229, -7.0237, 7.9193

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 51.2703, -13.1777, 15.2761 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(129, 146, 107)` looks like.

```
.text, #text, p{  
    color:rgb(129, 146, 107)  
}
```

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(129, 146, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 146, 107) }
```

Border

The CSS property to change the border of an element to HunterLab 51.2703, -13.1777, 15.2761 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(129, 146, 107) }
```


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

```
.border{ border-color:rgb(129, 146, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 146, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 146, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 146, 107);  
box-shadow:4px 4px 4px 4px rgb(129, 146,  
107) }
```

Background

The CSS property to change the background color of an element to HunterLab 51.2703, -13.1777, 15.2761 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 146, 107) }
```

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

```
.background{ background-color: rgb(129,  
146, 107) }
```

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