

Converting Colors

HunterLab(51.7467, -7.2992,
1.2698)

Have a look what the booklet for
HunterLab(51.7467, -7.2992, 1.2698)
contains.

HunterLab(51.9252, -7.3706, 1.2795)	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(51.9252, -7.3706,
1.2795)**

Conversions

Conversions Part 1

Format	Color
Hex	819191
RGB	129, 145, 145
RGB Percent	51%, 57%, 57%
CMY	0.4941, 0.4314, 0.4314
CMYK	0.11, 0.00, 0.00, 0.43
HSL	180°, 7%, 54%
HSV	180°, 11%, 57%
XYZ	24.2895, 26.9623, 30.7121
YIQ	140.2160, -9.5360, -3.3920

Conversions

Conversions Part 2

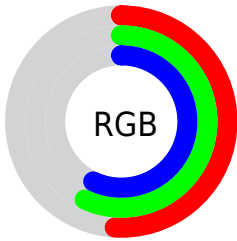
Format	Color
R_{YB}	129, 137, 145
Decimal	8491409
CIE _{Lab}	58.94, -5.72, -1.96
CIE _{LCh}	59, 6.046, 198.884
Yxy	26.9634, 0.2963, 0.3290
Android (android.graphics.Color)	4286681489 (0xFF819191)
YUV	140.2160, 2.3585, -9.8364
Hunter-Lab	51.9252, -7.3706, 1.2795

Details

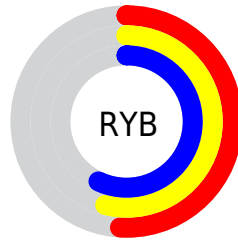
The HunterLab color $51.9252, -7.3706, 1.2795$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $48.2763, 2.3728, 4.2805$, and the grayscale version is $51.2912, -2.7368, 2.7867$.

A 20% lighter version of the original color is $74.1050, -9.1895, 2.2716$, and $32.7355, -5.6707, 0.4634$ is the 20% darker color. If you saturate the color by 10%, you get $50.8991, -11.0741, -0.0338$, and if you desaturate by 10%, it is $53.0855, -3.2834, 2.7332$.

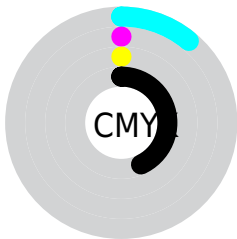
Distribution



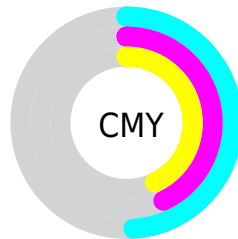
- Red (51%)
- Green (57%)
- Blue (57%)



- Red (51%)
- Yellow (54%)
- Blue (57%)



- Cyan (11%)
- Magenta (0%)
- Yellow (0%)
- Black (43%)



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

Brightness & Saturation Gradients

These gradients show how the HunterLab color 51.9252, -7.3706, 1.2795 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 51.9252, -7.3706, 1.2795 by changing the saturation by 10% instead.

■ 51.9252, -7.3706,
1.2795

■ 51.9252, -7.3706,
1.2795

169.5523,
-15.9441, 6.9541

■ 41.8876, -6.5059,
0.8374

■ 74.0440, -9.1497,
2.2956

■ 32.5950, -5.6525,
0.4431

■ 86.0453, -10.0648,
2.8619

■ 24.1140, -4.8065,
0.1032

■ 98.6330, -10.9980,
3.4640

■ 16.5312, -3.9591,
-0.1742

111.7809,
-11.9499, 4.1001

■ 9.9694, -3.1031,
-0.3765

125.4660,
-12.9204, 4.7685

0.0000, NaN, -NF

0.0000, NaN, NaN

139.6681,

-13.9097, 5.4678

0.0000, NaN, NaN

154.3690,
-14.9176, 6.1967

0.0000, NaN, NaN

■ 51.9252, -7.3706,
1.2795

■ 51.9252, -7.3706,
1.2795

■ 50.8991, -11.0741,
-0.0338

■ 53.0855, -3.2834,
2.7332

■ 50.0054, -14.3605,
-1.1987

■ 54.3742, 1.1562,
4.3133

■ 49.2451, -17.2067,
-2.2064

■ 55.7888, 5.9106,
6.0080

■ 48.6164, -19.5966,
-3.0517

■ 57.3250, 10.9433,
7.8048

■ 48.1156, -21.5249,
-3.7331

■ 58.9778, 16.2183,
9.6914

■ 47.7368, -22.9983,
-4.2531

■ 60.7421, 21.7023,
11.6560

■ 47.4717, -24.0374,
-4.6194

■ 62.6123, 27.3643,
13.6880

■ 47.3088, -24.6792,
-4.8452

■ 64.5832, 33.1766,
15.7777

■ 47.2182, -25.0371,
-4.9707

■ 65.9975, 37.2580,
17.2471

Harmonies

Analogous

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



51.9263, -7.5388, 3.7256



51.9252, -7.3706, 1.2795



51.9263, -5.9865, -0.8452

Triad

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



51.9263, -7.3716, 1.2803



51.9263, 1.0062, -0.3642



51.9263, -1.8162, 7.2352

Complementary

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



51.9252, -7.3706, 1.2795



48.2763, 2.3728, 4.2805

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.



51.9263, 0.5197, 6.2482



51.9252, -7.3706, 1.2795



51.9263, 2.1702, 1.9110

Square

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



51.9263, -7.3716, 1.2803



51.9263, -1.1627, -1.8260



51.9263, 1.9905, 4.3265



51.9263, -4.3648, 7.0847

Rectangle

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



51.9252, -7.3706, 1.2795



51.9263, -4.5436, -1.7577



51.9263, 1.9905, 4.3265



51.9263, -0.9792, 7.0274

Sweetspot

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



51.9263, -7.3716, 1.2803



70.7102, -5.5423, 3.2492



51.5024, -9.7820, 7.6544



33.2940, -2.8139, 1.4615



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.



51.9263, -7.3716, 1.2803



69.1648, -11.0186, 1.3036



49.6785, -3.7625, -1.4266



24.7312, -3.1480, 0.7313



43.7296, -23.1873, -4.6035



4.2759, -2.2670, -0.4506

Inverse Universe

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



48.2763, 2.3728, 4.2805



63.3076, 4.6281, 6.1213



50.4195, -1.3260, 6.6217



23.2897, 0.6988, 1.9157



22.7231, 38.9142, 14.6817



2.2219, 3.8051, 1.4349

Previews

White Background



This preview shows how the HunterLab color 51.9252, -7.3706, 1.2795 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 51.9252, -7.3706, 1.2795 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

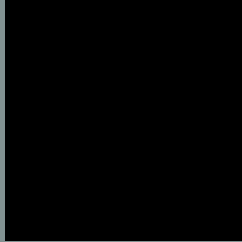
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

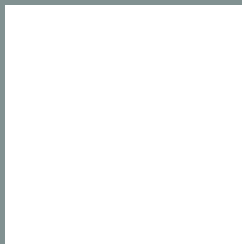
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 51.9252, -7.3706, 1.2795 Background



This preview shows how black text looks on a background with the HunterLab color 51.9252, -7.3706, 1.2795.



This preview shows how white text looks on a background with the HunterLab color 51.9252, -7.3706, 1.2795.

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

51.9252, -7.3706, 1.2795

Protanopia

51.9252, -1.5440, 2.2966

Deuteranopia

51.7399, 3.8077, 0.3168



Tritanopia

51.8042, -4.1749, -3.6430

Trichromacy



Original Color

51.9252, -7.3706, 1.2795

Protanomaly

51.8156, -3.3334, 1.6785

Deuteranomaly

51.7308, -0.5799, 0.6983

Tritanomaly

51.8910, -5.6196, -1.5763

Monochromacy



Original Color

51.9252, -7.3706, 1.2795

Achromatopsia

51.2104, -2.7325, 2.7824

Achromatomaly

51.5104, -4.5193, 2.2052

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 51.9252, -7.3706, 1.2795 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, 145, 145)` looks like.

```
.text, #text, p{  
    color:rgb(129, 145, 145)  
}
```

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, 145, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 145, 145) }
```

Border

The CSS property to change the border of an element to HunterLab 51.9252, -7.3706, 1.2795 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, 145, 145) }
```


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

```
.border{ border-color:rgb(129, 145, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 145, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 145, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 145, 145);  
box-shadow:4px 4px 4px 4px rgb(129, 145,  
145) }
```

Background

The CSS property to change the background color of an element to HunterLab 51.9252, -7.3706, 1.2795 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 145, 145) }
```

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

```
.background{ background-color: rgb(129,  
145, 145) }
```

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