

Converting Colors

HunterLab(51.1798, -12.8237,
21.8318)

Have a look what the booklet for
HunterLab(51.1798, -12.8237,
21.8318) contains.

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Color

**HunterLab(51.1798,
-12.8237, 21.8318)**

Conversions

Conversions Part 1

Format	Color
Hex	899153
RGB	137, 145, 83
RGB Percent	54%, 57%, 33%
CMY	0.4627, 0.4314, 0.6745
CMYK	0.06, 0.00, 0.43, 0.43
HSL	68°, 27%, 45%
HSV	68°, 43%, 57%
XYZ	22.0033, 26.1937, 12.0798
YIQ	135.5400, 15.1340, -20.9780

Conversions

Conversions Part 2

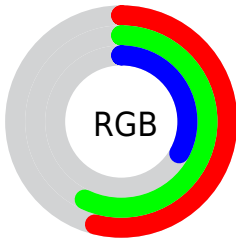
Format	Color
RYB	83, 145, 91
Decimal	9015635
CIELab	58.22, -12.91, 31.87
CIELCh	58, 34.380, 112.051
Yxy	26.1949, 0.3650, 0.4346
Android (android.graphics.Color)	4287205715 (0xFF899153)
YUV	135.5400, -25.9022, 1.2804
Hunter-Lab	51.1798, -12.8237, 21.8318

Details

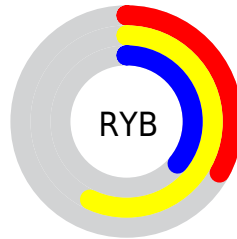
The HunterLab color $51.1798, -12.8237, 21.8318$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $32.3352, 12.5244, -28.9774$, and the grayscale version is $49.5324, -2.6429, 2.6912$.

A 20% lighter version of the original color is $73.2424, -15.5494, 26.6016$, and $32.0784, -10.2390, 16.5024$ is the 20% darker color. If you saturate the color by 10%, you get $50.8301, -14.5150, 24.5941$, and if you desaturate by 10%, it is $51.5775, -10.8930, 18.4492$.

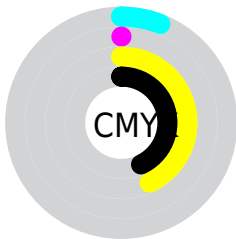
Distribution



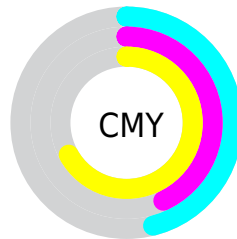
- Red (54%)
- Green (57%)
- Blue (33%)



- Red (33%)
- Yellow (57%)
- Blue (36%)



- Cyan (6%)
- Magenta (0%)
- Yellow (43%)
- Black (43%)



- Cyan (46%)
- Magenta (43%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 51.1798, -12.8237, 21.8318 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 51.1798, -12.8237, 21.8318 by changing the saturation by 10% instead.

■ 51.1798, -12.8237,
21.8318

■ 51.1798, -12.8237,
21.8318

168.4451,
-24.3467, 41.9064

■ 41.1941, -11.5277,
19.2283

■ 73.2046, -15.3791,
26.6962

■ 31.9574, -10.2029,
16.4620

■ 85.1627, -16.6483,
29.0038

■ 23.5377, -8.8327,
13.4799

■ 97.7092, -17.9178,
31.2507

■ 16.0237, -7.3861,
11.2166

■ 110.8176,
-19.1904, 33.4484

■ 9.5415, -6.4082,
6.6791

■ 124.4648,
-20.4682, 35.6063

0.0000, NaN, NaN

138.6304,

0.0000, NaN, NaN

-21.7527, 37.7314

0.0000, NaN, NaN

153.2960,
-23.0452, 39.8299

0.0000, NaN, NaN

■ 51.1798, -12.8237,
21.8318

■ 51.1798, -12.8237,
21.8318

■ 50.8301, -14.5150,
24.5941

■ 51.5775, -10.8930,
18.4492

■ 50.5230, -15.9693,
26.7567

■ 52.0213, -8.7147,
14.4307

■ 50.2572, -17.1986,
28.3511

■ 52.5136, -6.2895,
9.7701

■ 50.0295, -18.2175,
29.4191

■ 53.0551, -3.6189,
4.4668

■ 49.8361, -19.0466,
30.0165

■ 53.6465, -0.7065,
-1.4739

■ 49.7085, -19.5796,
30.2874

■ 54.2880, 2.4419,
-8.0417

■ 54.9797, 5.8192,
-15.2220

■ 55.7213, 9.4170,
-22.9964

■ 56.5126, 13.2256,
-31.3436

Harmonies

Analogous

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



51.1810, 1.1957, 22.7651



51.1798, -12.8237, 21.8318



51.1810, -22.9910, 16.6059

Triad

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



51.1810, -12.8252, 21.8323



51.1810, -18.8365, -22.9766



51.1810, 28.0474, -1.0355

Complementary

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



51.1798, -12.8237, 21.8318



32.3352, 12.5244, -28.9774

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.



51.1810, 21.2651, -16.4454



51.1798, -12.8237, 21.8318



51.1810, -6.5479, -31.2286

Square

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



51.1810, -12.8252, 21.8323



51.1810, -26.1817, -8.2542



51.1810, 8.2060, -28.5527



51.1810, 25.8832, 11.8092

Rectangle

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



51.1798, -12.8237, 21.8318



51.1810, -26.7357, 10.3320



51.1810, 8.2060, -28.5527



51.1810, 26.7138, -6.1191

Sweetspot

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



51.1810, -12.8252, 21.8323



70.2378, -8.5908, 13.4146



37.4122, 15.2337, 10.3502



33.0637, -4.3698, 6.9455



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.



51.1810, -12.8252, 21.8323



68.0511, -19.2769, 32.6809



48.9776, -21.1186, 19.9029



25.0012, -2.5419, 3.7661



46.0442, -18.1005, 28.0553



4.5723, -1.5042, 2.7911

Inverse Universe

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



32.3352, 12.5244, -28.9774



37.9371, 22.2198, -51.2098



35.0903, 20.6069, -23.2816



22.9920, 0.0596, -1.3780



13.6997, 36.2603, -90.3642



1.5211, 3.7070, -7.5605

Previews

White Background



This preview shows how the HunterLab color 51.1798, -12.8237, 21.8318 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 51.1798, -12.8237, 21.8318 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

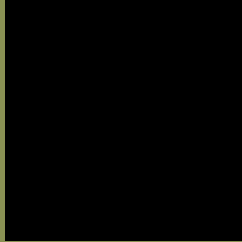
Any Text WCAG AA ✓ Pass

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 51.1798, -12.8237, 21.8318 Background



This preview shows how black text looks on a background with the HunterLab color 51.1798, -12.8237, 21.8318.



This preview shows how white text looks on a background with the HunterLab color 51.1798,

-12.8237, 21.8318.

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

51.1798, -12.8237, 21.8318

Protanopia

51.1102, -5.6235, 22.3650

Deuteranopia

51.1440, 3.2207, 21.3647



Tritanopia

51.0384, 1.5025, -1.0707

Trichromacy



Original Color

51.1798, -12.8237, 21.8318

Protanomaly

51.1451, -8.4345, 22.1138

Deuteranomaly

50.9911, -3.0046, 21.3748

Tritanomaly

50.9531, -4.4898, 9.1297

Monochromacy



Original Color

51.1798, -12.8237, 21.8318

Achromatopsia

49.6187, -2.6475, 2.6959

Achromatomaly

49.9838, -6.7749, 10.7182

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 51.1798, -12.8237, 21.8318 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(137, 145, 83)` looks like.

```
.text, #text, p{  
    color:rgb(137, 145, 83)  
}
```

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(137, 145, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 145, 83) }
```

Border

The CSS property to change the border of an element to HunterLab 51.1798, -12.8237, 21.8318 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(137, 145, 83) }
```


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

```
.border{ border-color:rgb(137, 145, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 145, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 145, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 145, 83);  
box-shadow:4px 4px 4px 4px rgb(137, 145,  
83) }
```

Background

The CSS property to change the background color of an element to HunterLab 51.1798, -12.8237, 21.8318 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 145, 83) }
```

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

```
.background{ background-color: rgb(137,  
145, 83) }
```

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](#).

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