

Converting Colors

HunterLab(51.2738, -12.6913,
19.3911)

Have a look what the booklet for
HunterLab(51.2738, -12.6913,
19.3911) contains.

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Color

**HunterLab(51.1781,
-12.5059, 19.3194)**

Conversions

Conversions Part 1

Format	Color
Hex	87915D
RGB	135, 145, 93
RGB Percent	53%, 57%, 36%
CMY	0.4706, 0.4314, 0.6353
CMYK	0.07, 0.00, 0.36, 0.43
HSL	72°, 22%, 47%
HSV	72°, 36%, 57%
XYZ	22.0928, 26.1920, 14.2471
YIQ	136.0820, 10.7320, -18.2920

Conversions

Conversions Part 2

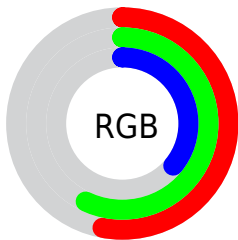
Format	Color
R_{YB}	93, 145, 103
Decimal	8884573
CIE _{Lab}	58.22, -12.48, 26.43
CIE _{LCh}	58, 29.229, 115.285
Yxy	26.1931, 0.3533, 0.4189
Android (android.graphics.Color)	4287074653 (0xFF87915D)
YUV	136.0820, -21.2394, -0.9489
Hunter-Lab	51.1781, -12.5059, 19.3194

Details

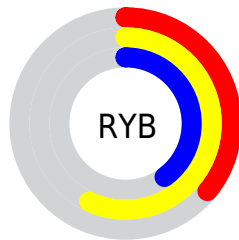
The HunterLab color $51.1781, -12.5059, 19.3194$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $35.7174, 10.5577, -22.2763$, and the grayscale version is $49.7307, -2.6535, 2.7020$.

A 20% lighter version of the original color is $73.2661, -15.0638, 23.5303$, and $32.0414, -10.1596, 14.7830$ is the 20% darker color. If you saturate the color by 10%, you get $50.7264, -14.6362, 22.4661$, and if you desaturate by 10%, it is $51.6811, -10.1300, 15.5512$.

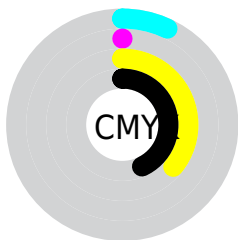
Distribution



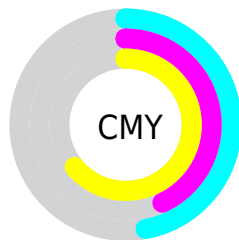
- Red (53%)
- Green (57%)
- Blue (36%)



- Red (36%)
- Yellow (57%)
- Blue (40%)



- Cyan (7%)
- Magenta (0%)
- Yellow (36%)
- Black (43%)



- Cyan (47%)
- Magenta (43%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 51.1781, -12.5059, 19.3194 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 51.1781, -12.5059, 19.3194 by changing the saturation by 10% instead.

■ 51.1781, -12.5059,
19.3194

■ 51.1781, -12.5059,
19.3194

168.4426,
-23.8523, 36.8651

■ 41.1925, -11.2358,
17.1007

■ 73.2027, -15.0147,
23.5004

■ 31.9559, -9.9394,
14.7558

■ 85.1607, -16.2627,
25.5004

■ 23.5364, -8.6008,
12.2377

■ 97.7070, -17.5121,
27.4578

■ 16.0226, -7.1905,
9.9261

■ 110.8154,
-18.7654, 29.3817

■ 9.5405, -6.2155,
6.6784

124.4625,
-20.0248, 31.2792

0.0000, NaN, NaN

138.6280,

0.0000, NaN, NaN

-21.2917, 33.1561

0.0000, NaN, NaN

153.2935,
-22.5672, 35.0168

0.0000, NaN, NaN

■ 51.1781, -12.5059,
19.3194

■ 51.1781, -12.5059,
19.3194

■ 50.7264, -14.6362,
22.4661

■ 51.6811, -10.1300,
15.5512

■ 50.3212, -16.5193,
25.0034

■ 52.2331, -7.5047,
11.1536

■ 49.9617, -18.1626,
26.9539

■ 52.8360, -4.6342,
6.1277

■ 49.6453, -19.5761,
28.3495

■ 53.4900, -1.5236,
0.4794

■ 49.3690, -20.7747,
29.2341

■ 54.1955, 1.8201,
-5.7800

■ 49.1275, -21.7859,
29.6828

■ 54.9521, 5.3887,
-12.6352

■ 49.0320, -22.1823,
29.8250

■ 55.7597, 9.1725,
-20.0671

■ 56.6175, 13.1610,
-28.0541

■ 57.5251, 17.3432,
-36.5720

Harmonies

Analogous

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



51.1792, -0.7625, 20.6026



51.1781, -12.5059, 19.3194



51.1792, -20.8642, 14.0747

Triad

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



51.1792, -12.5073, 19.3199



51.1792, -15.5943, -19.5368



51.1792, 23.2108, 0.8897

Complementary

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



51.1781, -12.5059, 19.3194



35.7174, 10.5577, -22.2763

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.



51.1792, 18.3356, -11.8573



51.1781, -12.5059, 19.3194



51.1792, -4.6752, -25.3035

Square

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



51.1792, -12.5073, 19.3199



51.1792, -22.5242, -7.8582



51.1792, 7.8336, -22.2039



51.1792, 20.6126, 11.5431

Rectangle

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



51.1781, -12.5059, 19.3194



51.1792, -23.7783, 8.2094



51.1792, 7.8336, -22.2039



51.1792, 22.3795, -3.3051

Sweetspot

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



51.1792, -12.5073, 19.3199



70.2632, -8.3034, 11.9137



40.5200, 10.4004, 9.9967



33.0955, -4.1290, 5.9900



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.



51.1792, -12.5073, 19.3199



67.9957, -19.0521, 29.3012



49.3186, -19.4721, 17.5989



24.9674, -2.6611, 3.7275



45.4210, -20.4981, 27.6293



4.5380, -1.6335, 2.7677

Inverse Universe

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



35.7174, 10.5577, -22.2763



43.0312, 18.6985, -39.2569



38.0845, 17.7573, -17.9276



23.0257, 0.1751, -1.3324



14.0467, 36.5384, -87.6893



1.6205, 3.8097, -6.9720

Previews

White Background



This preview shows how the HunterLab color 51.1781, -12.5059, 19.3194 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 51.1781, -12.5059, 19.3194 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

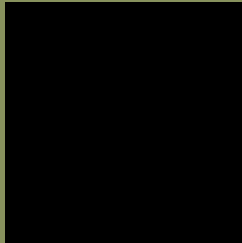
Any Text WCAG AA ✓ Pass

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 51.1781, -12.5059, 19.3194 Background



This preview shows how black text looks on a background with the HunterLab color 51.1781, -12.5059, 19.3194.



This preview shows how white text looks on a background with the HunterLab color 51.1781,

-12.5059, 19.3194.

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

51.1781, -12.5059, 19.3194

Protanopia

51.1731, -5.0862, 19.9762

Deuteranopia

51.0802, 3.3083, 18.9668



Tritanopia

51.0859, 0.2889, -1.5161

Trichromacy



Original Color

51.1781, -12.5059, 19.3194

Protanomaly

51.2149, -7.8648, 19.6991

Deuteranomaly

50.9447, -2.8673, 19.0173

Tritanomaly

51.1113, -5.1571, 7.3121

Monochromacy



Original Color

51.1781, -12.5059, 19.3194

Achromatopsia

49.6187, -2.6475, 2.6959

Achromatomaly

50.0555, -6.3766, 9.6849

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 51.1781, -12.5059, 19.3194 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(135, 145, 93)` looks like.

```
.text, #text, p{  
    color:rgb(135, 145, 93)  
}
```

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(135, 145, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 145, 93) }
```

Border

The CSS property to change the border of an element to HunterLab 51.1781, -12.5059, 19.3194 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(135, 145, 93) }
```


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

```
.border{ border-color:rgb(135, 145, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 145, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 145, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 145, 93);  
box-shadow:4px 4px 4px 4px rgb(135, 145,  
93) }
```

Background

The CSS property to change the background color of an element to HunterLab 51.1781, -12.5059, 19.3194 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 145, 93) }
```

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

```
.background{ background-color: rgb(135,  
145, 93) }
```

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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