

Converting Colors

HunterLab(58.3715, -22.0831,
19.6702)

Have a look what the booklet for
HunterLab(58.3715, -22.0831,
19.6702) contains.

HunterLab(58.1933, -21.9749, 19.5566)	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(58.1933,
-21.9749, 19.5566)**

Conversions

Conversions Part 1

Format	Color
Hex	81A871
RGB	129, 168, 113
RGB Percent	51%, 66%, 44%
CMY	0.4941, 0.3412, 0.5569
CMYK	0.23, 0.00, 0.33, 0.34
HSL	103°, 24%, 55%
HSV	103°, 33%, 66%
XYZ	26.0365, 33.8646, 20.7870
YIQ	150.0690, -5.5890, -25.3730

Conversions

Conversions Part 2

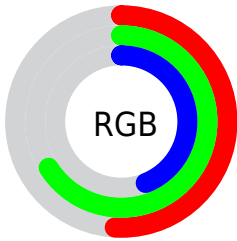
Format	Color
RYB	113, 168, 152
Decimal	8497265
CIELab	64.86, -23.79, 24.24
CIELCh	65, 33.965, 134.455
Yxy	33.8661, 0.3227, 0.4197
Android (android.graphics.Color)	4286687345 (0xFF81A871)
YUV	150.0690, -18.2750, -18.4775
Hunter-Lab	58.1933, -21.9749, 19.5566

Details

The HunterLab color $58.1933, -21.9749, 19.5566$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $46.1668, 19.4383, -18.7905$, and the grayscale version is $55.3277, -2.9521, 3.0061$.

A 20% lighter version of the original color is $80.9687, -25.4982, 23.3797$, and $38.0534, -18.2191, 15.5720$ is the 20% darker color. If you saturate the color by 10%, you get $57.1339, -26.6529, 23.2046$, and if you desaturate by 10%, it is $59.3870, -16.7944, 15.2850$.

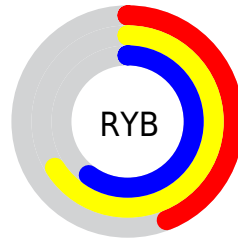
Distribution



Red (51%)

Green (66%)

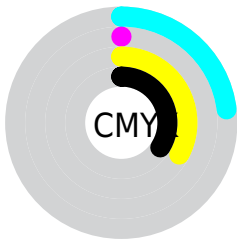
Blue (44%)



Red (44%)

Yellow (66%)

Blue (60%)

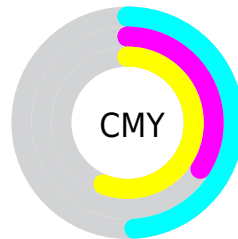


Cyan (23%)

Magenta (0%)

Yellow (33%)

Black (34%)



Cyan (49%)

Magenta (34%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 58.1933, -21.9749, 19.5566 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 58.1933, -21.9749, 19.5566 by changing the saturation by 10% instead.

■ 58.1933, -21.9749,
19.5566

■ 58.1933, -21.9749,
19.5566

178.7553,
-37.9959, 35.9419

■ 47.7396, -20.0391,
17.5467

■ 81.0712, -25.6958,
23.3936

■ 37.9988, -18.0259,
15.4464

■ 93.4227, -27.5025,
25.2477

■ 29.0287, -15.9067,
13.2229

■ 106.3447,
-29.2847, 27.0720

■ 20.9025, -13.6333,
10.8255

■ 119.8130,
-31.0483, 28.8733

■ 13.7191, -11.1210,
9.1895

133.8063,
-32.7979, 30.6570

■ 7.3321, -12.8312,
5.1325

148.3055,

0.0000, NaN, NaN

-34.5372, 32.4275

0.0000, NaN, NaN

163.2937,
-36.2691, 34.1882

0.0000, NaN, NaN

■ 58.1933, -21.9749,
19.5566

■ 58.1933, -21.9749,
19.5566

■ 57.1339, -26.6529,
23.2046

■ 59.3870, -16.7944,
15.2850

■ 56.2056, -30.7929,
26.2106

■ 60.7093, -11.1455,
10.4149

■ 55.4092, -34.3728,
28.5716

■ 62.1587, -5.0711,
4.9812

■ 54.7421, -37.3804,
30.3002

■ 63.7313, 1.3856,
-0.9766

■ 54.2000, -39.8175,
31.4292

■ 65.4229, 8.1813,
-7.4168

■ 53.7762, -41.7031,
32.0160

■ 67.2290, 15.2745,
-14.2962

■ 53.5316, -42.7841,
32.2369

■ 69.1445, 22.6258,
-21.5728

■ 71.1643, 30.1992,
-29.2060

■ 72.8680, 35.9183,
-31.4491

Harmonies

Analogous

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



58.1946, -10.1399, 23.9780



58.1933, -21.9749, 19.5566



58.1946, -28.3890, 10.0567

Triad

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



58.1946, -21.9761, 19.5572



58.1946, -10.6439, -29.9830



58.1946, 27.5650, 9.6137

Complementary

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



58.1933, -21.9749, 19.5566



46.1668, 19.4383, -18.7905

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.



58.1946, 27.3948, -4.6823



58.1933, -21.9749, 19.5566



58.1946, 4.2740, -30.1893

Square

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



58.1946, -21.9761, 19.5572



58.1946, -22.3128, -19.5317



58.1946, 18.5193, -20.0393



58.1946, 18.9630, 19.3041

Rectangle

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



58.1933, -21.9749, 19.5566



58.1946, -29.1815, 0.9941



58.1946, 18.5193, -20.0393



58.1946, 28.5574, 5.2605

Sweetspot

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



58.1946, -21.9761, 19.5572



82.2617, -12.9750, 12.2294



56.4030, -2.8847, 18.2819



38.2853, -6.5602, 6.1542



92.0917, -4.9138, 5.0035



39.3538, -2.0998, 2.1382

Same Dimension

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



58.1946, -21.9761, 19.5572



77.3757, -34.0731, 29.8631



57.4219, -24.4782, 15.2647



29.1711, -4.3353, 4.1000



46.5430, -37.0721, 28.0306



7.4353, -5.0522, 4.4931

Inverse Universe

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



46.1668, 19.4383, -18.7905



58.0026, 32.9062, -32.4001



47.5081, 22.5920, -10.1409



27.4871, 1.4216, -1.1962



22.6514, 48.2162, -58.4238



3.8610, 7.9574, -7.9336

Previews

White Background



This preview shows how the HunterLab color 58.1933, -21.9749, 19.5566 looks on a white background.

Color Contrast Check

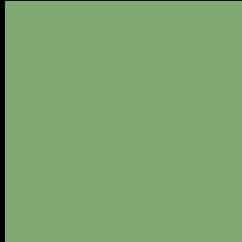
Large Text (above 18pt) WCAG AA × Fail

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 58.1933, -21.9749, 19.5566 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

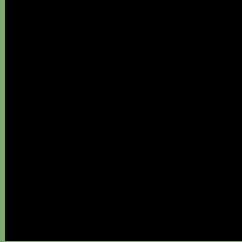
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

HunterLab 58.1933, -21.9749, 19.5566 Background



This preview shows how black text looks on a background with the HunterLab color 58.1933, -21.9749, 19.5566.



This preview shows how white text looks on a background with the HunterLab color 58.1933,

-21.9749, 19.5566.

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

58.1933, -21.9749, 19.5566

Protanopia

58.0885, -5.3461, 21.2194

Deuteranopia

57.8025, 4.2264, 18.4289



Tritanopia

58.0066, -6.8526, -4.7864

Trichromacy



Original Color

58.1933, -21.9749, 19.5566

Protanomaly

57.9518, -11.8545, 20.4096

Deuteranomaly

57.7704, -6.1593, 18.5324

Tritanomaly

57.9479, -13.0805, 5.5220

Monochromacy



Original Color

58.1933, -21.9749, 19.5566

Achromatopsia

55.2257, -2.9467, 3.0005

Achromatomaly

56.2769, -10.5375, 9.5590

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 58.1933, -21.9749, 19.5566 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, 168, 113)` looks like.

```
.text, #text, p{  
    color:rgb(129, 168, 113)  
}
```

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, 168, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 168, 113) }
```

Border

The CSS property to change the border of an element to HunterLab 58.1933, -21.9749, 19.5566 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, 168, 113) }
```


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

```
.border{ border-color:rgb(129, 168, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 168, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 168, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 168, 113);  
box-shadow:4px 4px 4px 4px rgb(129, 168,  
113) }
```

Background

The CSS property to change the background color of an element to HunterLab 58.1933, -21.9749, 19.5566 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 168, 113) }
```

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

```
.background{ background-color: rgb(129,  
168, 113) }
```

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