

Converting Colors

HunterLab(19.4077, -7.7116,
11.8239)

Have a look what the booklet for
HunterLab(19.4077, -7.7116,
11.8239) contains.

HunterLab(19.5091, -7.7959, 11.8849)	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(19.5091, -7.7959,
11.8849)**

Conversions

Conversions Part 1

Format	Color
Hex	323B00
RGB	50, 59, 0
RGB Percent	20%, 23%, 0%
CMY	0.8039, 0.7686, 1.0000
CMYK	0.15, 0.00, 1.00, 0.77
HSL	69°, 100%, 12%
HSV	69°, 100%, 23%
XYZ	2.8794, 3.8060, 0.5829
YIQ	49.5830, 13.5750, -20.2570

Conversions

Conversions Part 2

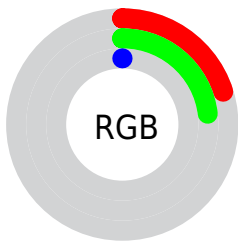
Format	Color
RYB	0, 59, 9
Decimal	3291904
CIELab	23.02, -12.32, 31.35
CIELCh	23, 33.686, 111.455
Yxy	3.8062, 0.3961, 0.5236
Android (android.graphics.Color)	4281481984 (0xFF323B00)
YUV	49.5830, -24.4444, 0.3657
Hunter-Lab	19.5091, -7.7959, 11.8849

Details

The HunterLab color **19.5091, -7.7959, 11.8849** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **6.1150, 15.6341, -36.0786**, and the grayscale version is **17.7963, -0.9496, 0.9669**.

A 20% lighter version of the original color is **36.2190, -10.5289, 17.5561**, and **6.5773, -5.6401, 3.9542** is the 20% darker color. If you saturate the color by 10%, you get **19.5095, -7.7966, 11.8852**, and if you desaturate by 10%, it is **19.6017, -7.3790, 11.4366**.

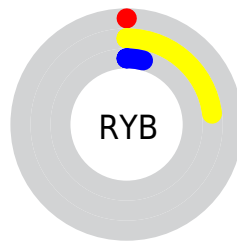
Distribution



Red (20%)

Green (23%)

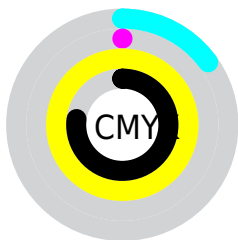
Blue (0%)



Red (0%)

Yellow (23%)

Blue (4%)

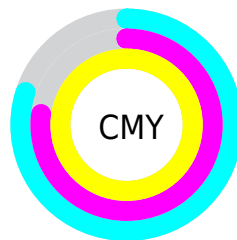


Cyan (15%)

Magenta (0%)

Yellow (100%)

Black (77%)



Cyan (80%)

Magenta (77%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 19.5091, -7.7959, 11.8849 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 19.5091, -7.7959, 11.8849 by changing the saturation by 10% instead.

■ 19.5091, -7.7959,
11.8849

■ 19.5091, -7.7959,
11.8849

■ 117.3004,
-19.2018, 34.1022

■ 12.5131, -6.3440,
8.7591

■ 36.2923, -10.4585,
17.6440

■ 5.7823, -9.5939,
4.0476

■ 45.8963, -11.7309,
20.2884

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 56.2238, -12.9849,
22.7937

0.0000, NaN, NaN

■ 67.2273, -14.2290,
25.1921

0.0000, NaN, NaN

■ 78.8676, -15.4692,
27.5067


0.0000, NaN, NaN


0.0000, NaN, NaN


■ 91.1116, -16.7095,


29.7551


0.0000, NaN, NaN


 103.9307,
-17.9529, 31.9501


 19.5091, -7.7959,
11.8849


 19.5091, -7.7959,
11.8849


 19.5095, -7.7966,
11.8852

 19.6017, -7.3790,
11.4366

 19.6951, -6.9584,
10.9861

 19.7980, -6.4864,
10.4100

 19.9140, -5.9439,
9.6581

 20.0438, -5.3282,
8.7219

■ 20.1878, -4.6375,
7.5957

■ 20.3465, -3.8709,
6.2754

■ 20.5202, -3.0280,
4.7587

■ 20.7092, -2.1093,
3.0451

Harmonies

Analogous

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



19.5095, 2.0019, 12.3015



19.5091, -7.7959, 11.8849



19.5095, -14.2874, 9.5552

Triad

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



19.5095, -7.7965, 11.8850



19.5095, -11.9525, -20.2857



19.5095, 22.7775, -1.9635

Complementary

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



19.5091, -7.7959, 11.8849



6.1150, 15.6341, -36.0786

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.



19.5095, 17.0764, -14.7877



19.5091, -7.7959, 11.8849



19.5095, -3.9101, -28.4394

Square

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



19.5095, -7.7965, 11.8850



19.5095, -16.3159, -7.2026



19.5095, 6.7782, -26.0260



19.5095, 21.1325, 6.7919

Rectangle

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



19.5091, -7.7959, 11.8849



19.5095, -16.5435, 6.1718



19.5095, 6.7782, -26.0260



19.5095, 21.6200, -5.9643

Sweetspot

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



19.5095, -7.7965, 11.8850



26.2994, -5.1520, 8.3717



10.5926, 13.4778, 6.7627



13.5941, -2.7304, 4.4446



61.6487, -3.2894, 3.3495



14.0024, -0.7471, 0.7608

Same Dimension

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



19.5095, -7.7965, 11.8850



25.2111, -10.2220, 15.3560



18.1212, -13.3312, 10.9326



11.4843, -1.0876, 1.5336



31.2591, -12.7990, 19.0376



79.2808, -33.3247, 48.2691

Inverse Universe

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



6.1150, 15.6341, -36.0786



7.7756, 20.1163, -47.6907



8.5710, 18.3609, -23.0212



10.7362, -0.0744, -0.3929



9.5447, 24.8783, -59.9773



23.6715, 62.7832, -157.1436

Previews

White Background



This preview shows how the HunterLab color 19.5091, -7.7959, 11.8849 looks on a white background.

Color Contrast Check

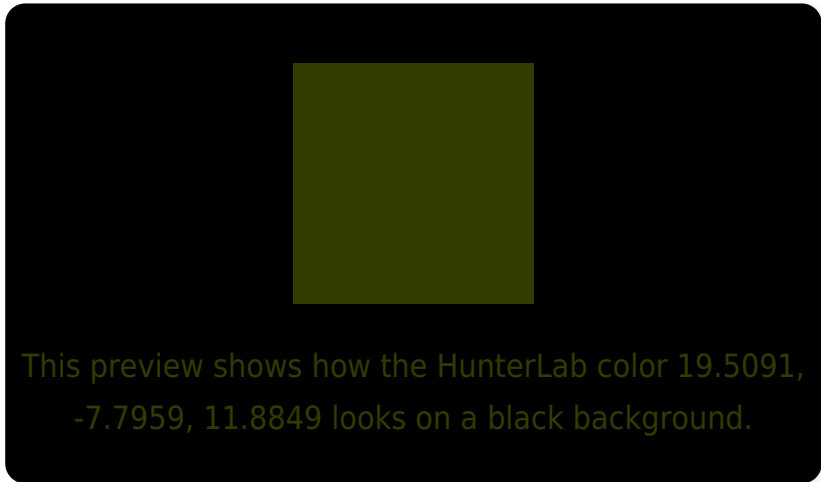
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

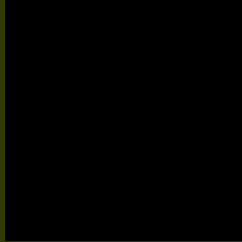
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

HunterLab 19.5091, -7.7959, 11.8849 Background



This preview shows how black text looks on a background with the HunterLab color 19.5091, -7.7959, 11.8849.

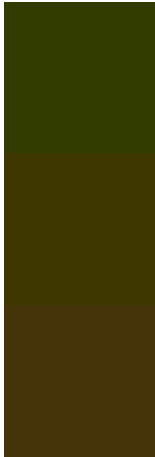


This preview shows how white text looks on a background with the HunterLab color 19.5091, -7.7959, 11.8849.

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

19.5091, -7.7959, 11.8849

Protanopia

19.3817, -3.0397, 11.8897

Deuteranopia

19.3471, 0.6210, 11.0525



Tritanopia

19.6478, -0.4862, -0.3876

Trichromacy



Original Color

19.5091, -7.7959, 11.8849

Protanomaly

19.3077, -4.5827, 11.8171

Deuteranomaly

19.4156, -2.8507, 11.3878

Tritanomaly

19.3007, -3.8834, 6.1920

Monochromacy



Original Color

19.5091, -7.7959, 11.8849

Achromatopsia

17.8595, -0.9529, 0.9703

Achromatomaly

18.2445, -4.0517, 6.7304

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 19.5091, -7.7959, 11.8849 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(50, 59, 0)` looks like.

```
.text, #text, p{  
    color:rgb(50, 59, 0)  
}
```

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(50, 59, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(50, 59, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 19.5091, -7.7959, 11.8849 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(50, 59, 0) }
```


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

```
.border{ border-color:rgb(50, 59, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(50, 59, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(50, 59, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(50, 59, 0); box-shadow:4px  
4px 4px 4px rgb(50, 59, 0) }
```

Background

The CSS property to change the background color of an element to HunterLab 19.5091, -7.7959, 11.8849 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(50, 59, 0) }
```

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

```
.background{ background-color: rgb(50, 59,  
0) }
```

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