

Converting Colors

HunterLab(31.7551, -11.3553,
20.3906)

Have a look what the booklet for
HunterLab(31.7551, -11.3553,
20.3906) contains.

HunterLab(31.9541, -11.1039, 19.4956)	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(31.9541,
-11.1039, 19.4956)**

Conversions

Conversions Part 1

Format	Color
Hex	575F00
RGB	87, 95, 0
RGB Percent	34%, 37%, 0%
CMY	0.6588, 0.6274, 1.0000
CMYK	0.08, 0.00, 1.00, 0.63
HSL	65°, 100%, 19%
HSV	65°, 100%, 37%
XYZ	8.0227, 10.2106, 1.5480
YIQ	81.7780, 25.7270, -31.2410

Conversions

Conversions Part 2

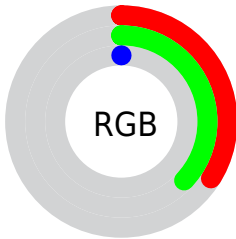
Format	Color
R_{YB}	0, 95, 8
Decimal	5725952
CIE Lab	38.22, -14.37, 45.03
CIE LCh	38, 47.265, 107.699
Yxy	10.2111, 0.4056, 0.5162
Android (android.graphics.Color)	4283916032 (0xFF575F00)
YUV	81.7780, -40.3166, 4.5797
Hunter-Lab	31.9541, -11.1039, 19.4956

Details

The HunterLab color **31.9541, -11.1039, 19.4956** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **9.3703, 24.8622, -62.2984**, and the grayscale version is **29.1027, -1.5528, 1.5812**.

A 20% lighter version of the original color is **51.1093, -13.7267, 26.7626**, and **16.0933, -7.5189, 9.7850** is the 20% darker color. If you saturate the color by 10%, you get **31.9548, -11.1051, 19.4960**, and if you desaturate by 10%, it is **32.0479, -10.6895, 19.0557**.

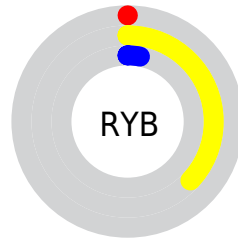
Distribution



Red (34%)

Green (37%)

Blue (0%)



Red (0%)

Yellow (37%)

Blue (3%)

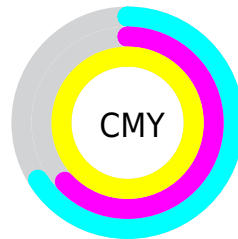


Cyan (8%)

Magenta (0%)

Yellow (100%)

Black (63%)



Cyan (66%)

Magenta (63%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 31.9541, -11.1039, 19.4956 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 31.9541, -11.1039, 19.4956 by changing the saturation by 10% instead.

31.9541, -11.1039,
19.4956

31.9541, -11.1039,
19.4956

138.6262,
-23.3402, 47.8908

23.5354, -9.6246,
15.8363

51.1780, -13.9162,
26.8298

16.0217, -8.0516,
11.2152

61.8623, -15.2811,
30.1897

9.5398, -7.0770,
6.6779

73.2013, -16.6318,
33.3949

0.0000, NaN, NaN

0.0000, NaN, NaN

85.1592, -17.9746,
36.4730

0.0000, NaN, NaN

97.7055, -19.3140,
39.4460

0.0000, NaN, NaN

0.0000, NaN, NaN

110.8137,

-20.6531, 42.3311

0.0000, NaN, NaN

124.4608,
-21.9945, 45.1424

31.9541, -11.1039,
19.4956

31.9541, -11.1039,
19.4956

31.9548, -11.1051,
19.4960

32.0479, -10.6895,
19.0557

32.1497, -10.2259,
18.4949

32.2721, -9.6471,
17.6400

32.4170, -8.9432,
16.4640

32.5860, -8.1068,
14.9463

■ 32.7803, -7.1324,
13.0715

■ 33.0010, -6.0164,
10.8284

■ 33.2490, -4.7567,
8.2099

■ 33.5250, -3.3524,
5.2127

Harmonies

Analogous

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



31.9548, 5.6072, 19.6959



31.9541, -11.1039, 19.4956



31.9548, -22.5779, 16.4454

Triad

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



31.9548, -11.1049, 19.4958



31.9548, -20.9682, -31.1378



31.9548, 37.2008, -5.6706

Complementary

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



31.9541, -11.1039, 19.4956



9.3703, 24.8622, -62.2984

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.



31.9548, 26.4430, -27.2990



31.9541, -11.1039, 19.4956



31.9548, -8.4168, -46.4231

Square

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



31.9548, -11.1049, 19.4958



31.9548, -27.3935, -9.3111



31.9548, 8.9213, -44.7344



31.9548, 36.0553, 9.8652

Rectangle

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



31.9541, -11.1039, 19.4956



31.9548, -26.8007, 11.4807



31.9548, 8.9213, -44.7344



31.9548, 34.7765, -12.5582

Sweetspot

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



31.9548, -11.1049, 19.4958



43.1601, -8.0117, 14.4530



16.1400, 24.9023, 10.3809



21.0875, -4.1233, 7.4839



71.2094, -3.7996, 3.8689



21.6712, -1.1563, 1.1774

Same Dimension

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



31.9548, -11.1049, 19.4958



41.7948, -14.6210, 25.4978



29.3731, -21.3123, 17.7262



17.2023, -1.6352, 2.4920



38.0804, -13.2934, 23.2323



87.9104, -31.1255, 53.6251

Inverse Universe

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



9.3703, 24.8622, -62.2984



12.1722, 32.4704, -82.2510



12.8472, 28.4307, -41.5533



15.8902, -0.0822, -0.8263



11.1144, 29.5991, -74.7188



25.3460, 68.1563, -175.4836

Previews

White Background



This preview shows how the HunterLab color 31.9541, -11.1039, 19.4956 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 × Fail

Black Background



This preview shows how the HunterLab color 31.9541, -11.1039, 19.4956 looks on a black 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

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

HunterLab 31.9541, -11.1039, 19.4956 Background



This preview shows how black text looks on a background with the HunterLab color 31.9541, -11.1039, 19.4956.



This preview shows how white text looks on a background with the HunterLab color 31.9541,

-11.1039, 19.4956.

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

31.9541, -11.1039, 19.4956

Protanopia

31.8388, -4.5002, 19.5402

Deuteranopia

31.7991, 2.0652, 18.7166



Tritanopia

31.9145, 1.0388, -0.4294

Trichromacy



Original Color

31.9541, -11.1039, 19.4956

Protanomaly

31.9307, -6.9255, 19.5543

Deuteranomaly

31.7958, -3.2303, 19.0004

Tritanomaly

31.6742, -5.4369, 11.4201

Monochromacy



Original Color

31.9541, -11.1039, 19.4956

Achromatopsia

29.0476, -1.5499, 1.5782

Achromatomaly

29.9151, -6.5008, 11.8808

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 31.9541, -11.1039, 19.4956 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(87, 95, 0)` looks like.

```
.text, #text, p{  
    color:rgb(87, 95, 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(87, 95, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 95, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 31.9541, -11.1039, 19.4956 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(87, 95, 0) }
```


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

```
.border{ border-color:rgb(87, 95, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 95, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 95, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(87, 95, 0); box-shadow:4px  
4px 4px 4px rgb(87, 95, 0) }
```

Background

The CSS property to change the background color of an element to HunterLab 31.9541, -11.1039, 19.4956 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 95, 0) }
```

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

```
.background{ background-color: rgb(87, 95,  
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