

Converting Colors

HunterLab(41.3018, -20.4449,
24.9869)

Have a look what the booklet for
HunterLab(41.3018, -20.4449,
24.9869) contains.

HunterLab(41.2959, -20.5445, 24.9630)	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(41.2959,
-20.5445, 24.9630)**

Conversions

Conversions Part 1

Format	Color
Hex	5E7D03
RGB	94, 125, 3
RGB Percent	37%, 49%, 1%
CMY	0.6314, 0.5098, 0.9882
CMYK	0.25, 0.00, 0.98, 0.51
HSL	75°, 95%, 25%
HSV	75°, 98%, 49%
XYZ	11.9662, 17.0535, 2.7471
YIQ	101.8230, 20.6860, -44.5140

Conversions

Conversions Part 2

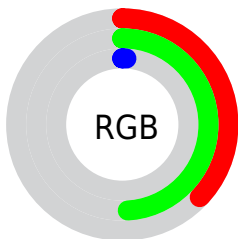
Format	Color
RYB	3, 125, 34
Decimal	6192387
CIELab	48.33, -26.68, 52.25
CIELCh	48, 58.666, 117.048
Yxy	17.0543, 0.3767, 0.5368
Android (android.graphics.Color)	4284382467 (0xFF5E7D03)
YUV	101.8230, -48.7197, -6.8608
Hunter-Lab	41.2959, -20.5445, 24.9630

Details

The HunterLab color $41.2959, -20.5445, 24.9630$ is a dark color, and the websafe version is hex 669933 . A complement of this color would be $13.7343, 33.0796, -74.7194$, and the grayscale version is $36.5577, -1.9506, 1.9862$.

A 20% lighter version of the original color is $62.0726, -24.8976, 32.8897$, and $23.8379, -14.9039, 14.4279$ is the 20% darker color. If you saturate the color by 10%, you get $41.2401, -20.7842, 25.0481$, and if you desaturate by 10%, it is $41.5392, -19.5272, 24.5819$.

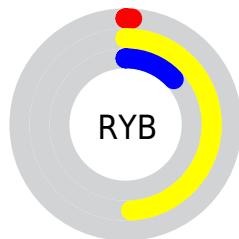
Distribution



Red (37%)

Green (49%)

Blue (1%)



Red (1%)

Yellow (49%)

Blue (13%)

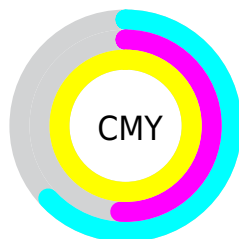


Cyan (25%)

Magenta (0%)

Yellow (98%)

Black (51%)



Cyan (63%)

Magenta (51%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 41.2959, -20.5445, 24.9630 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 41.2959, -20.5445, 24.9630 by changing the saturation by 10% instead.

■ 41.2959, -20.5445,
24.9630

■ 41.2959, -20.5445,
24.9630

153.4552,
-38.2804, 56.0023

■ 32.0518, -18.2601,
20.6472

■ 61.9831, -24.8073,
32.8674

■ 23.6230, -15.8145,
16.5361

■ 73.3291, -26.8339,
36.5286

■ 16.0988, -13.1296,
11.2691

■ 85.2936, -28.8123,
40.0373

■ 9.6047, -12.6251,
6.7233

■ 97.8462, -30.7533,
43.4179

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 110.9605,
-32.6649, 46.6901

0.0000, NaN, NaN


■ 124.6133,


0.0000, NaN, NaN


-34.5535, 49.8698


0.0000, NaN, NaN


 138.7843,
-36.4240, 52.9703


 41.2959, -20.5445,
24.9630


 41.2959, -20.5445,
24.9630


 41.2401, -20.7842,
25.0481

 41.5392, -19.5272,
24.5819

 41.8108, -18.3587,
23.8836

 42.1185, -17.0014,
22.7654

 42.4650, -15.4442,
21.1922

 42.8522, -13.6801,
19.1389

■ 43.2816, -11.7055,
16.5888

■ 43.7541, -9.5199,
13.5322

■ 44.2705, -7.1250,
9.9655

■ 44.8313, -4.5247,
5.8906

Harmonies

Analogous

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



41.2968, 0.1094, 26.1087



41.2959, -20.5445, 24.9630



41.2968, -33.2901, 19.2733

Triad

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



41.2968, -20.5456, 24.9632



41.2968, -23.7183, -51.3391



41.2968, 52.2525, 0.0096

Complementary

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



41.2959, -20.5445, 24.9630



13.7343, 33.0796, -74.7194

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.



41.2968, 42.1295, -28.0185



41.2959, -20.5445, 24.9630



41.2968, -4.4709, -66.2483

Square

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



41.2968, -20.5456, 24.9632



41.2968, -34.8187, -21.9882



41.2968, 20.0257, -55.9668



41.2968, 45.3344, 17.2294

Rectangle

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



41.2959, -20.5445, 24.9630



41.2968, -37.2238, 10.6500



41.2968, 20.0257, -55.9668



41.2968, 50.6857, -8.4024

Sweetspot

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



41.2968, -20.5456, 24.9632



58.4117, -13.3789, 19.0269



23.4155, 27.8783, 14.6979



27.7512, -6.8767, 9.7734



79.8926, -4.2629, 4.3407



28.9024, -1.5422, 1.5703

Same Dimension

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



41.2968, -20.5456, 24.9632



55.1208, -28.0679, 33.4738



38.7380, -30.9561, 23.1961



22.2849, -2.4573, 3.2591



42.1264, -21.2489, 25.5861

0.0000, NaN, NaN

Inverse Universe

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



13.7343, 33.0796, -74.7194



17.6996, 45.2913, -104.6871



19.8808, 40.6503, -44.9030



20.6409, 0.2290, -1.1031



13.6343, 34.6833, -79.0504

0.0000, NaN, NaN

Previews

White Background



This preview shows how the HunterLab color 41.2959, -20.5445, 24.9630 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 41.2959, -20.5445, 24.9630 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

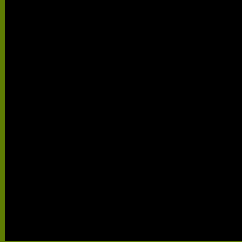
Any Text WCAG AA × Fail

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 41.2959, -20.5445, 24.9630 Background



This preview shows how black text looks on a background with the HunterLab color 41.2959, -20.5445, 24.9630.



This preview shows how white text looks on a background with the HunterLab color 41.2959,

-20.5445, 24.9630.

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

41.2959, -20.5445, 24.9630

Protanopia

41.1444, -6.1287, 25.2457

Deuteranopia

41.1442, 2.2924, 24.2249



Tritanopia

41.2004, -3.7654, -2.5992

Trichromacy



Original Color

41.2959, -20.5445, 24.9630

Protanomaly

41.1204, -12.0353, 25.0861

Deuteranomaly

40.9078, -6.8852, 24.3762

Tritanomaly

40.6871, -12.2005, 13.5138

Monochromacy



Original Color

41.2959, -20.5445, 24.9630

Achromatopsia

36.4511, -1.9449, 1.9805

Achromatomaly

37.6800, -10.4910, 14.9243

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 41.2959, -20.5445, 24.9630 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(94, 125, 3)` looks like.

```
.text, #text, p{  
    color:rgb(94, 125, 3)  
}
```

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(94, 125, 3) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 125, 3) }
```

Border

The CSS property to change the border of an element to HunterLab 41.2959, -20.5445, 24.9630 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(94, 125, 3) }
```


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

```
.border{ border-color:rgb(94, 125, 3) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 125, 3)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 125, 3); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 125, 3);  
box-shadow:4px 4px 4px 4px rgb(94, 125, 3)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 41.2959, -20.5445, 24.9630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 125, 3) }
```

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

```
.background{ background-color: rgb(94, 125,  
3) }
```

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