

Converting Colors

HunterLab(21.0939, -0.3479,
9.9040)

Have a look what the booklet for
HunterLab(21.0939, -0.3479, 9.9040)
contains.

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Color

**HunterLab(21.0939, -0.3479,
9.9040)**

Conversions

Conversions Part 1

Format	Color
Hex	473A1C
RGB	71, 58, 28
RGB Percent	28%, 23%, 11%
CMY	0.7216, 0.7725, 0.8902
CMYK	0.00, 0.18, 0.61, 0.72
HSL	42°, 43%, 19%
HSV	42°, 61%, 28%
XYZ	4.3212, 4.4495, 1.7297
YIQ	58.4670, 17.3780, -6.5740

Conversions

Conversions Part 2

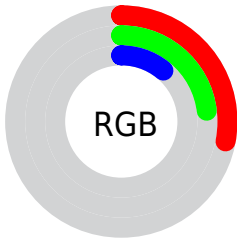
Format	Color
RYB	47, 71, 28
Decimal	4667932
CIELab	25.11, 1.27, 20.59
CIELCh	25, 20.634, 86.459
Yxy	4.4497, 0.4115, 0.4238
Android (android.graphics.Color)	4282858012 (0xFF473A1C)
YUV	58.4670, -15.0202, 10.9914
Hunter-Lab	21.0939, -0.3479, 9.9040

Details

The HunterLab color **21.0939, -0.3479, 9.9040** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **15.1247, 1.9637, -14.0142**, and the grayscale version is **20.7759, -1.1086, 1.1288**.

A 20% lighter version of the original color is **38.2570, -1.1318, 14.0524**, and **7.5977, 0.4759, 4.6900** is the 20% darker color. If you saturate the color by 10%, you get **20.5128, 0.1297, 10.6055**, and if you desaturate by 10%, it is **21.6998, -0.7358, 8.9924**.

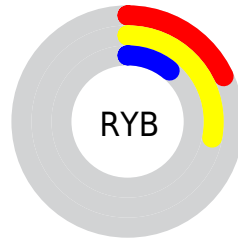
Distribution



Red (28%)

Green (23%)

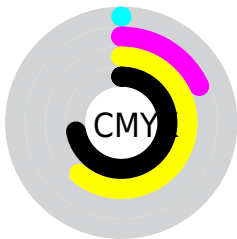
Blue (11%)



Red (18%)

Yellow (28%)

Blue (11%)

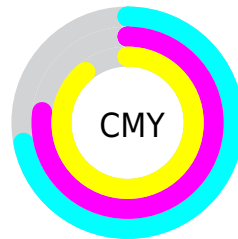


Cyan (0%)

Magenta (18%)

Yellow (61%)

Black (72%)



Cyan (72%)

Magenta (77%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 21.0939, -0.3479, 9.9040 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 21.0939, -0.3479, 9.9040 by changing the saturation by 10% instead.

■ 21.0939, -0.3479,
9.9040

■ 21.0939, -0.3479,
9.9040

■ 120.1561, -5.0352,
25.8690

■ 13.8859, -0.0634,
8.0933

■ 38.2328, -1.0958,
13.9104

■ 7.5182, 0.3372,
5.2628

■ 47.9922, -1.5433,
15.7501

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 58.4643, -2.0338,
17.5227

0.0000, NaN, NaN

■ 69.6036, -2.5640,
19.2466

0.0000, NaN, NaN

■ 81.3724, -3.1313,
20.9348

0.0000, NaN, NaN


0.0000, NaN, NaN


■ 93.7385, -3.7335,


22.5969


0.0000, NaN, NaN


 106.6744, -4.3686,
24.2398


 21.0939, -0.3479,
9.9040

 21.0939, -0.3479,
9.9040


 20.5128, 0.1297,
10.6055

 21.6998, -0.7358,
8.9924


 19.9553, 0.6983,
11.0952


 22.3283, -1.0319,
7.8739

 19.4203, 1.3448,
11.4028

 22.9794, -1.2384,
6.5549

 18.9248, 1.9638,
11.6958

 23.6524, -1.3574,
5.0429

 24.3465, -1.3916,
3.3464

■ 25.0609, -1.3444,
1.4742

■ 25.7948, -1.2189,
-0.5646

■ 26.5475, -1.0189,
-2.7608

■ 27.3182, -0.7478,
-5.1054

Harmonies

Analogous

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



21.0944, 6.2361, 8.8508



21.0939, -0.3479, 9.9040



21.0944, -6.4136, 9.2623

Triad

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



21.0944, -0.3487, 9.9042



21.0944, -11.1941, -4.8685



21.0944, 10.3392, -6.5378

Complementary

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



21.0939, -0.3479, 9.9040



15.1247, 1.9637, -14.0142

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.



21.0944, 4.7384, -12.5169



21.0939, -0.3479, 9.9040



21.0944, -7.6004, -11.3658

Square

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



21.0944, -0.3487, 9.9042



21.0944, -12.2120, 1.8698



21.0944, -1.8935, -14.5073



21.0944, 12.8598, 0.4002

Rectangle

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



21.0939, -0.3479, 9.9040



21.0944, -9.4466, 7.8085



21.0944, -1.8935, -14.5073



21.0944, 8.7235, -8.7987

Sweetspot

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



21.0944, -0.3487, 9.9042



30.9220, -1.7815, 6.1642



15.2792, 13.2724, 1.2861



15.5608, -0.8939, 3.2736



64.8100, -3.4581, 3.5212



16.4960, -0.8802, 0.8963

Same Dimension

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



21.0944, -0.3487, 9.9042



26.2872, 0.5440, 14.1604



23.7716, -7.6584, 11.7737



12.8630, -0.7295, 1.5719



26.4240, 3.3887, 16.3417



63.9495, 10.7619, 39.5938

Inverse Universe

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



15.1247, 1.9637, -14.0142



16.8915, 4.8761, -24.8856



12.8780, 9.0118, -19.3519



12.3858, -0.5870, -0.2535



13.5689, 12.2934, -43.4978



31.2261, 36.5985, -118.0356

Previews

White Background



This preview shows how the HunterLab color 21.0939, -0.3479, 9.9040 looks on a white background.

Color Contrast Check

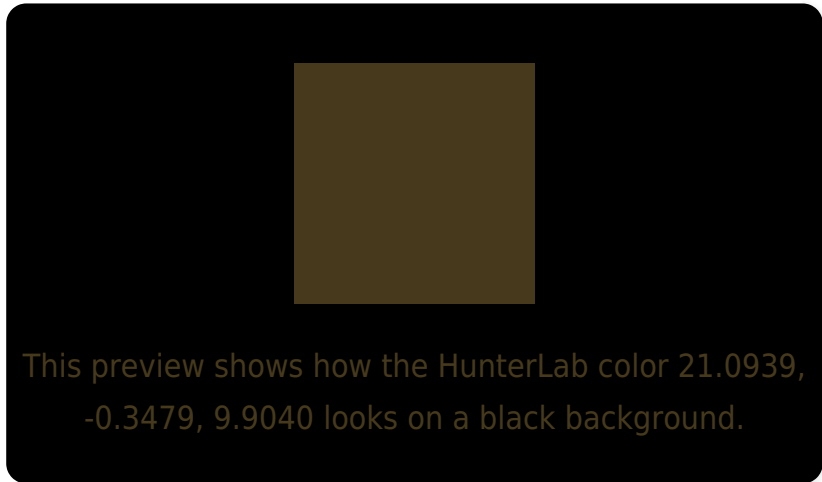
Large Text (above 18pt) WCAG AA ✓ Pass

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

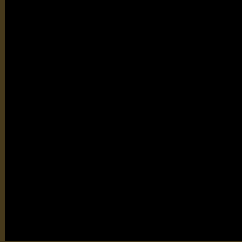
Any Text WCAG AA × Fail

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 21.0939, -0.3479, 9.9040 Background



This preview shows how black text looks on a background with the HunterLab color 21.0939, -0.3479, 9.9040.

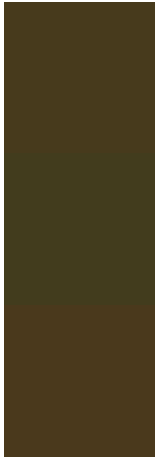


This preview shows how white text looks on a background with the HunterLab color 21.0939, -0.3479,

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

21.0939, -0.3479, 9.9040

Protanopia

21.1629, -2.5849, 9.7386

Deuteranopia

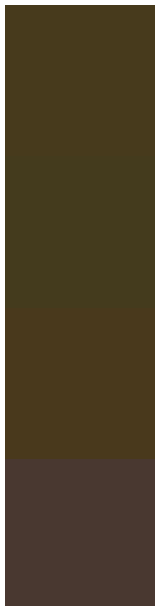
21.1328, 1.0000, 9.9572



Tritanopia

21.2226, 4.7435, 1.6008

Trichromacy



Original Color

21.0939, -0.3479, 9.9040

Protanomaly

21.0845, -1.5982, 9.6955

Deuteranomaly

21.0394, 0.6839, 9.8804

Tritanomaly

21.1145, 2.7435, 5.2066

Monochromacy



Original Color

21.0939, -0.3479, 9.9040

Achromatopsia

20.5697, -1.0975, 1.1176

Achromatomaly

20.7078, -1.1032, 5.0407

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 21.0939, -0.3479, 9.9040 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(71, 58, 28)` looks like.

```
.text, #text, p{  
    color:rgb(71, 58, 28)  
}
```

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(71, 58, 28) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 58, 28) }
```

Border

The CSS property to change the border of an element to HunterLab 21.0939, -0.3479, 9.9040 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(71, 58, 28) }
```


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

```
.border{ border-color:rgb(71, 58, 28) }
```

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

Here you see how a box with a 4 pixel rgb(71, 58, 28) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 58, 28); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 58, 28);  
box-shadow:4px 4px 4px 4px rgb(71, 58, 28)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 21.0939, -0.3479, 9.9040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 58, 28) }
```

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

```
.background{ background-color: rgb(71, 58,  
28) }
```

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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