

Converting Colors

HunterLab(10.3427, 21.6394,
2.6601)

Have a look what the booklet for
HunterLab(10.3427, 21.6394,
2.6601) contains.

HunterLab(11.0109, 19.3482, 3.3033)	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(11.0109, 19.3482,
3.3033)**

Conversions

Conversions Part 1

Format	Color
Hex	420015
RGB	66, 0, 21
RGB Percent	26%, 0%, 8%
CMY	0.7412, 1.0000, 0.9176
CMYK	0.00, 1.00, 0.68, 0.74
HSL	341°, 100%, 13%
HSV	341°, 100%, 26%
XYZ	2.3821, 1.2124, 0.8179
YIQ	22.1280, 32.5950, 20.5230

Conversions

Conversions Part 2

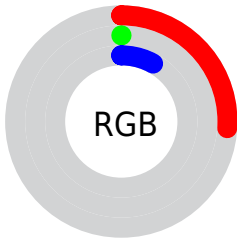
Format	Color
RYB	66, 0, 21
Decimal	4325397
CIELab	10.65, 31.46, 6.66
CIELCh	11, 32.154, 11.956
Yxy	1.2125, 0.5399, 0.2748
Android (android.graphics.Color)	4282515477 (0xFF420015)
YUV	22.1280, -0.5561, 38.4757
Hunter-Lab	11.0109, 19.3482, 3.3033

Details

The HunterLab color **11.0109, 19.3482, 3.3033** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **20.2137, -13.9863, 4.9278**, and the grayscale version is **8.9907, -0.4797, 0.4885**.

A 20% lighter version of the original color is **25.4787, 22.0311, 5.1423**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **11.0108, 19.3480, 3.3039**, and if you desaturate by 10%, it is **11.7217, 17.5479, 2.7336**.

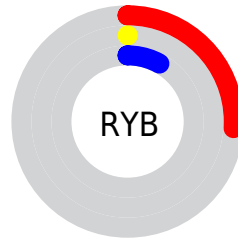
Distribution



Red (26%)

Green (0%)

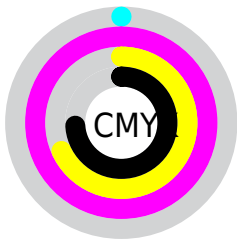
Blue (8%)



Red (26%)

Yellow (0%)

Blue (8%)

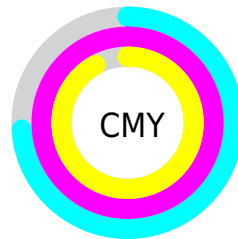


Cyan (0%)

Magenta (100%)

Yellow (68%)

Black (74%)



Cyan (74%)


Magenta (100%)


Yellow (92%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 11.0109, 19.3482, 3.3033 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 11.0109, 19.3482, 3.3033 by changing the saturation by 10% instead.

 11.0109, 19.3482,
3.3033

 11.0109, 19.3482,
3.3033


 100.8405, 28.7760,
11.7453

 2.6806, 50.9920,
1.8764


 25.5022, 22.2870,
5.1491

0.0000, NaN, NaN


0.0000, NaN, NaN

 34.1273, 23.5614,
6.0647

0.0000, NaN, NaN


 43.5516, 24.7010,
6.9819

0.0000, NaN, NaN

 53.7123, 25.7179,
7.9070

0.0000, NaN, NaN

0.0000, NaN, NaN


 64.5593, 26.6238,
8.8439


0.0000, NaN, NaN


 76.0518, 27.4296,


0.0000, NaN, NaN


9.7950


 88.1553, 28.1444,
10.7618


 11.0109, 19.3482,
3.3033


 11.0109, 19.3482,
3.3033


 11.0108, 19.3480,
3.3039

 11.7217, 17.5479,
2.7336

 12.4301, 15.9813,
2.0801

 13.3044, 14.1428,
1.5314

 14.3581, 12.0625,
1.1320

 15.5701, 9.8509,
0.8789

■ 16.9194, 7.5882,
0.7589

■ 18.3866, 5.3254,
0.7546

■ 19.9550, 3.0911,
0.8484

■ 21.6106, 0.8989,
1.0241

Harmonies

Analogous

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



11.0112, 18.6512, -5.0979



11.0109, 19.3482, 3.3033



11.0112, 13.6761, 7.7079

Triad

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



11.0112, 19.3469, 3.3036



11.0112, -9.6122, 7.7079



11.0112, -5.0385, -25.1269

Complementary

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



11.0109, 19.3482, 3.3033



20.2137, -13.9863, 4.9278

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.



11.0112, -10.5679, -14.7743



11.0109, 19.3482, 3.3033



11.0112, -13.2038, 4.5455

Square

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



11.0112, 19.3469, 3.3036



11.0112, -3.6532, 7.7079



11.0112, -13.5536, -2.9620



11.0112, 2.8539, -26.2780

Rectangle

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



11.0109, 19.3482, 3.3033



11.0112, 7.8012, 7.7079



11.0112, -13.5536, -2.9620



11.0112, -7.0876, -22.3827

Sweetspot

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



11.0112, 19.3469, 3.3036



23.9699, 7.4094, 0.9874



9.6381, 20.5844, -25.4077



12.0324, 4.0242, 0.4997



63.7533, -3.4017, 3.4638



15.6573, -0.8354, 0.8507

Same Dimension

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



11.0112, 19.3469, 3.3036



14.4696, 25.3453, 4.9645



11.8223, 15.0416, 7.5476



11.5947, 0.3075, 0.5601



16.2294, 28.3973, 5.8050



40.4614, 70.4283, 17.3328

Inverse Universe

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



11.0112, 19.3469, 3.3036



14.4696, 25.3453, 4.9645



17.6799, -7.2176, -6.5169



11.5947, 0.3075, 0.5601



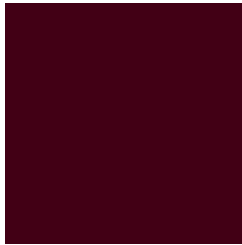
16.2294, 28.3973, 5.8050



40.4614, 70.4283, 17.3328

Previews

White Background



This preview shows how the HunterLab color 11.0109, 19.3482, 3.3033 looks on a white background.

Color Contrast Check

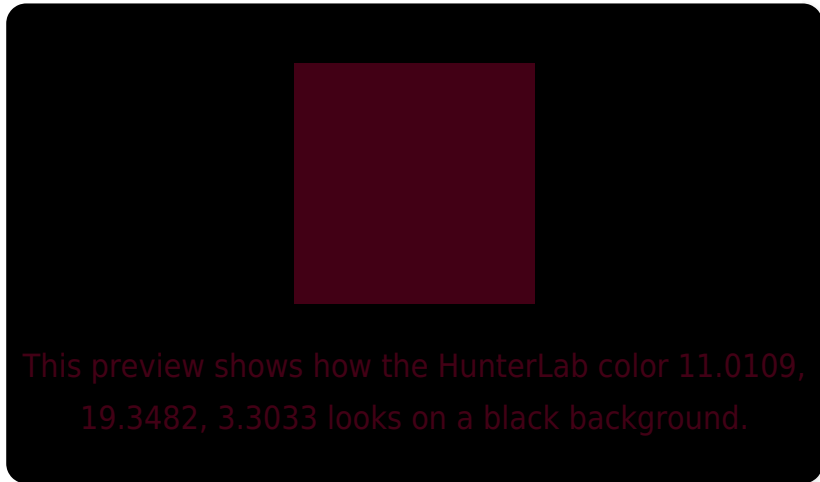
Large Text (above 18pt) WCAG AA ✓ Pass

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

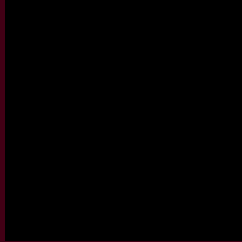
Any Text WCAG AA × Fail

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 11.0109, 19.3482, 3.3033 Background



This preview shows how black text looks on a background with the HunterLab color 11.0109, 19.3482, 3.3033.

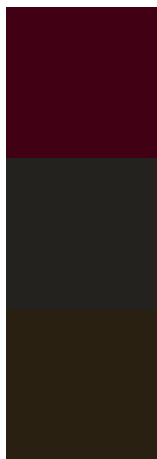


This preview shows how white text looks on a background with the HunterLab color 11.0109, 19.3482,

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

11.0109, 19.3482, 3.3033

Protanopia

12.6503, -0.7964, 1.7055

Deuteranopia

12.4423, 0.3212, 4.9456



Tritanopia

11.7003, 15.8767, 6.4690

Trichromacy



Original Color

11.0109, 19.3482, 3.3033

Protanomaly

11.1076, 6.4578, 1.4227

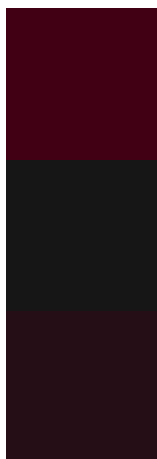
Deuteranomaly

11.0700, 7.7670, 3.6575

Tritanomaly

11.4675, 16.9509, 5.5647

Monochromacy



Original Color

11.0109, 19.3482, 3.3033

Achromatopsia

8.9572, -0.4779, 0.4867

Achromatomaly

8.8548, 6.7025, 0.4911

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 11.0109, 19.3482, 3.3033 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(66, 0, 21)` looks like.

```
.text, #text, p{  
    color:rgb(66, 0, 21)  
}
```

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(66, 0, 21) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(66, 0, 21) }
```

Border

The CSS property to change the border of an element to HunterLab 11.0109, 19.3482, 3.3033 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(66, 0, 21) }
```


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

```
.border{ border-color:rgb(66, 0, 21) }
```

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

Here you see how a box with a 4 pixel `rgb(66, 0, 21)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(66, 0, 21); -webkit-box-shadow:4px  
4px 4px 4px rgb(66, 0, 21); box-shadow:4px  
4px 4px 4px rgb(66, 0, 21) }
```

Background

The CSS property to change the background color of an element to HunterLab 11.0109, 19.3482, 3.3033 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(66, 0, 21) }
```

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

```
.background{ background-color: rgb(66, 0,  
21) }
```

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