

Converting Colors

HunterLab(11.8646, 11.8375,
2.8939)

Have a look what the booklet for
HunterLab(11.8646, 11.8375,
2.8939) contains.

HunterLab(11.9692, 11.7948, 3.0260)	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(11.9692, 11.7948,
3.0260)**

Conversions

Conversions Part 1

Format	Color
Hex	3B1219
RGB	59, 18, 25
RGB Percent	23%, 7%, 10%
CMY	0.7686, 0.9294, 0.9020
CMYK	0.00, 0.69, 0.58, 0.77
HSL	350°, 53%, 15%
HSV	350°, 69%, 23%
XYZ	2.1954, 1.4326, 1.0805
YIQ	31.0570, 22.1890, 10.8690

Conversions

Conversions Part 2

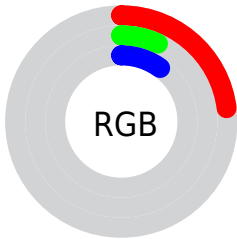
Format	Color
RYB	59, 18, 25
Decimal	3871257
CIELab	12.17, 20.96, 5.60
CIELCh	12, 21.693, 14.950
Yxy	1.4327, 0.4663, 0.3043
Android (android.graphics.Color)	4282061337 (0xFF3B1219)
YUV	31.0570, -2.9861, 24.5060
Hunter-Lab	11.9692, 11.7948, 3.0260




Details

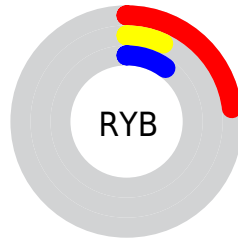
The HunterLab color **11.9692, 11.7948, 3.0260** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **18.7203, -9.5583, 1.0778**, and the grayscale version is **11.7279, -0.6258, 0.6372**.




A 20% lighter version of the original color is **26.8767, 13.5859, 4.7349**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **11.1631, 13.4618, 3.5725**, and if you desaturate by 10%, it is **12.9316, 9.9630, 2.5439**.

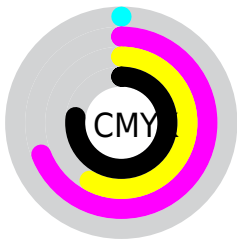
Distribution







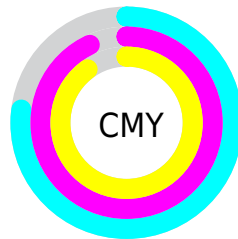
-  Red (23%)
-  Green (7%)
-  Blue (10%)






-  Red (23%)
-  Yellow (7%)
-  Blue (10%)



-  Cyan (0%)
-  Magenta (69%)
-  Yellow (58%)
-  Black (77%)



-  Cyan (77%)
-  Magenta (93%)
-  Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 11.9692, 11.7948, 3.0260 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 11.9692, 11.7948, 3.0260 by changing the saturation by 10% instead.

■ 11.9692, 11.7948,
3.0260

■ 11.9692, 11.7948,
3.0260

■ 102.8238, 16.9398,
10.9175

■ 4.9054, 18.3553,
3.4338

■ 26.7625, 13.7536,
4.7189

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 35.5142, 14.5095,
5.5605

0.0000, NaN, NaN

■ 45.0544, 15.1433,
6.4120

0.0000, NaN, NaN

■ 55.3227, 15.6711,
7.2777

0.0000, NaN, NaN

0.0000, NaN, NaN


■ 66.2706, 16.1055,
8.1600


0.0000, NaN, NaN


■ 77.8584, 16.4566,


0.0000, NaN, NaN


9.0602


 90.0523, 16.7325,
9.9792

 11.9692, 11.7948,
3.0260


 11.9692, 11.7948,
3.0260


 11.1631, 13.4618,
3.5725


 12.9316, 9.9630,
2.5439

 10.4860, 14.9922,
4.1230


 14.0303, 8.0566,
2.1369

 9.7928, 16.8291,
4.5344

 15.2468, 6.1351,
1.8068

 9.7564, 16.9344,
4.5509

 16.5646, 4.2345,
1.5489

 17.9693, 2.3737,
1.3560

■ 19.4489, 0.5602,
1.2199

■ 20.9936, -1.2053,
1.1329

■ 22.5954, -2.9254,
1.0879

■ 24.2477, -4.6044,
1.0791

Harmonies

Analogous

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



11.9695, 11.7871, -2.3604



11.9692, 11.7948, 3.0260



11.9695, 8.0773, 6.4173

Triad

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



11.9695, 11.7939, 3.0262



11.9695, -7.3982, 6.4267



11.9695, -3.3361, -14.2767

Complementary

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



11.9692, 11.7948, 3.0260



18.7203, -9.5583, 1.0778

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.



11.9695, -7.4085, -9.2123



11.9692, 11.7948, 3.0260



11.9695, -9.4704, 3.0400

Square

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



11.9695, 11.7939, 3.0262



11.9695, -3.3193, 8.3680



11.9695, -9.4740, -2.3385



11.9695, 2.2994, -14.2864

Rectangle

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



11.9692, 11.7948, 3.0260



11.9695, 4.3258, 7.9157



11.9695, -9.4740, -2.3385



11.9695, -4.9074, -13.0329

Sweetspot

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



11.9695, 11.7939, 3.0262



22.7934, 3.6630, 1.8093



12.1033, 14.1482, -12.5633



11.7291, 1.9790, 0.9443



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.



11.9695, 11.7939, 3.0262



13.8215, 18.7874, 5.1753



13.9739, 6.2341, 6.2912



10.8542, 0.2113, 0.6696



15.6075, 26.9701, 8.2116



39.5538, 68.0887, 22.8330

Inverse Universe

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



11.9695, 11.7939, 3.0262



13.8215, 18.7874, 5.1753



15.4911, -3.8727, -6.3586



10.8542, 0.2113, 0.6696



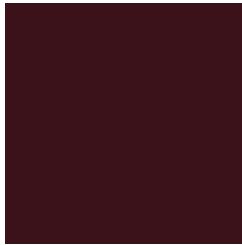
15.6075, 26.9701, 8.2116



39.5538, 68.0887, 22.8330

Previews

White Background



This preview shows how the HunterLab color 11.9692, 11.7948, 3.0260 looks on a white background.

Color Contrast Check

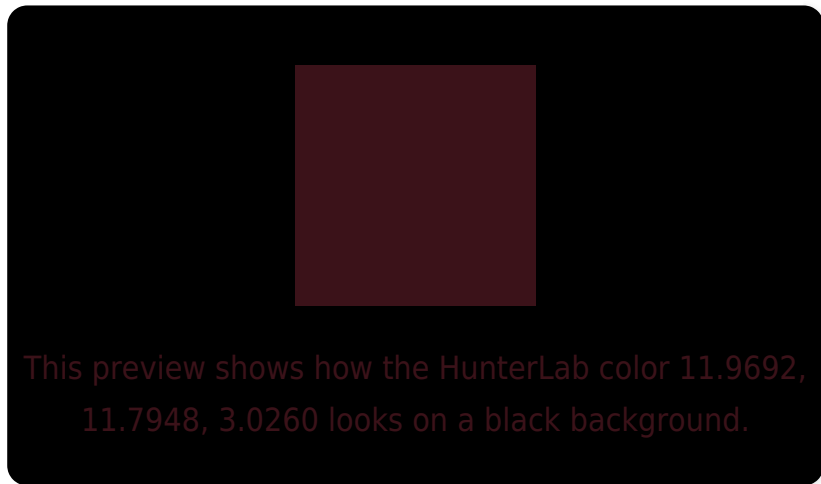
Large Text (above 18pt) WCAG AA ✓ Pass

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

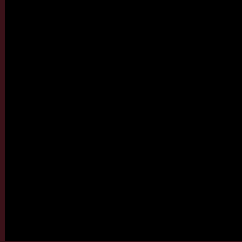
Any Text WCAG AA × Fail

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 11.9692, 11.7948, 3.0260 Background



This preview shows how black text looks on a background with the HunterLab color 11.9692, 11.7948, 3.0260.

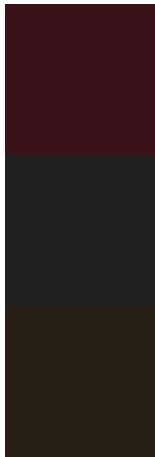


This preview shows how white text looks on a background with the HunterLab color 11.9692, 11.7948,

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

11.9692, 11.7948, 3.0260

Protanopia

12.3777, -0.5449, 1.0719

Deuteranopia

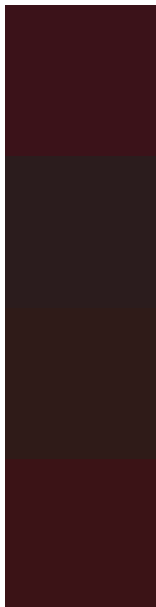
12.4338, 0.4386, 3.8040



Tritanopia

12.0252, 11.0596, 4.3404

Trichromacy



Original Color

11.9692, 11.7948, 3.0260

Protanomaly

11.9700, 3.4085, 1.6779

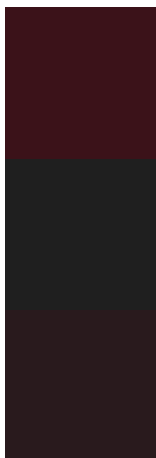
Deuteranomaly

12.0588, 4.4919, 3.2604

Tritanomaly

12.0560, 11.1983, 3.8920

Monochromacy



Original Color

11.9692, 11.7948, 3.0260

Achromatopsia

11.7056, -0.6246, 0.6360

Achromatomaly

11.3970, 3.6363, 1.0394

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 11.9692, 11.7948, 3.0260 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(59, 18, 25)` looks like.

```
.text, #text, p{  
    color:rgb(59, 18, 25)  
}
```

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(59, 18, 25) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 18, 25) }
```

Border

The CSS property to change the border of an element to HunterLab 11.9692, 11.7948, 3.0260 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(59, 18, 25) }
```


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

```
.border{ border-color:rgb(59, 18, 25) }
```

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

Here you see how a box with a 4 pixel `rgb(59, 18, 25)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 18, 25); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 18, 25);  
box-shadow:4px 4px 4px 4px rgb(59, 18, 25)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 11.9692, 11.7948, 3.0260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 18, 25) }
```

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

```
.background{ background-color: rgb(59, 18,  
25) }
```

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