

Converting Colors

HunterLab(11.8750, 2.0437,
2.1518)

Have a look what the booklet for
HunterLab(11.8750, 2.0437, 2.1518)
contains.

HunterLab(11.8700, 1.9687, 2.1694)	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(11.8700, 1.9687,
2.1694)**

Conversions

Conversions Part 1

Format	Color
Hex	281D1B
RGB	40, 29, 27
RGB Percent	16%, 11%, 11%
CMY	0.8431, 0.8863, 0.8941
CMYK	0.00, 0.27, 0.32, 0.84
HSL	9°, 19%, 13%
HSV	9°, 32%, 16%
XYZ	1.5123, 1.4090, 1.2292
YIQ	32.0610, 7.1980, 1.7100

Conversions

Conversions Part 2

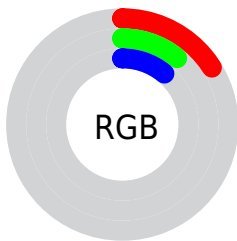
Format	Color
RYB	40, 29, 27
Decimal	2628891
CIELab	12.02, 4.99, 3.44
CIElCh	12, 6.063, 34.572
Yxy	1.4090, 0.3644, 0.3395
Android (android.graphics.Color)	4280818971 (0xFF281D1B)
YUV	32.0610, -2.4951, 6.9625
Hunter-Lab	11.8700, 1.9687, 2.1694

Details

The HunterLab color **11.8700, 1.9687, 2.1694** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **13.3131, -2.8095, -0.7860**, and the grayscale version is **12.0435, -0.6426, 0.6543**.

A 20% lighter version of the original color is **26.4730, 2.0118, 3.3705**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **11.1126, 2.8913, 2.5732**, and if you desaturate by 10%, it is **12.6647, 1.0831, 1.7541**.

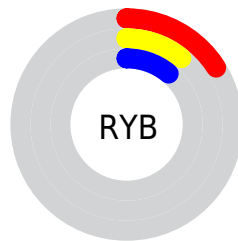
Distribution



Red (16%)

Green (11%)

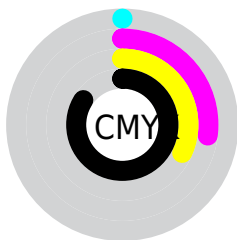
Blue (11%)



Red (16%)

Yellow (11%)

Blue (11%)

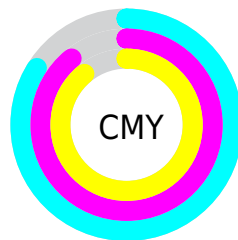


Cyan (0%)

Magenta (27%)

Yellow (32%)

Black (84%)



Cyan (84%)

Magenta (89%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 11.8700, 1.9687, 2.1694 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 11.8700, 1.9687, 2.1694 by changing the saturation by 10% instead.

■ 11.8700, 1.9687,
2.1694

■ 11.8700, 1.9687,
2.1694

■ 102.6204, -0.3046,
8.8898

■ 4.7262, 4.3505,
3.2747

■ 26.6327, 1.9267,
3.5053

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 35.3715, 1.7771,
4.2014

0.0000, NaN, NaN

■ 44.8999, 1.5600,
4.9210

0.0000, NaN, NaN

■ 55.1572, 1.2839,
5.6652

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 66.0949, 0.9551,
6.4344

0.0000, NaN, NaN

■ 77.6729, 0.5783,

0.0000, NaN, NaN

7.2284

■ 89.8577, 0.1574,
8.0470

■ 11.8700, 1.9687,
2.1694

■ 11.8700, 1.9687,
2.1694

■ 11.1126, 2.8913,
2.5732

■ 12.6647, 1.0831,
1.7541

■ 10.3965, 3.8511,
2.9601

■ 13.4920, 0.2347,
1.3300

■ 9.7274, 4.8432,
3.3241

■ 14.3485, -0.5790,
0.8997

■ 9.1114, 5.8582,
3.6567

■ 15.2313, -1.3608,
0.4649

■ 8.5518, 6.8644,
3.9961

■ 16.1379, -2.1138,
0.0265

■ 8.0402, 7.8173,
4.4558

■ 17.0662, -2.8409,
-0.4146

■ 7.6470, 8.6039,
4.8627

■ 18.0142, -3.5448,
-0.8580

■ 18.9805, -4.2282,
-1.3034

■ 19.9636, -4.8935,
-1.7507

Harmonies

Analogous

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



11.8703, 2.5434, 0.8738



11.8700, 1.9687, 2.1694



11.8703, 0.6967, 2.9678

Triad

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



11.8703, 1.9683, 2.1696



11.8703, -3.2510, 1.8195



11.8703, -0.3913, -2.6050

Complementary

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



11.8700, 1.9687, 2.1694



13.3131, -2.8095, -0.7860

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.



11.8703, -1.9085, -2.2663



11.8700, 1.9687, 2.1694



11.8703, -3.5088, 0.4138

Square

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



11.8703, 1.9683, 2.1696



11.8703, -2.3066, 2.7849



11.8703, -3.0298, -1.1105



11.8703, 1.1367, -1.9838

Rectangle

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



11.8700, 1.9687, 2.1694



11.8703, -0.3457, 3.1746



11.8703, -3.0298, -1.1105



11.8703, -0.9196, -2.6002

Sweetspot

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



11.8703, 1.9683, 2.1696



17.0535, 0.0962, 1.5594



11.7271, 4.1002, -1.9943



9.3914, 0.0452, 0.8540



56.4399, -3.0115, 3.0665



10.0114, -0.5342, 0.5439

Same Dimension

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



11.8703, 1.9683, 2.1696



13.9900, 3.4722, 3.1552



13.2626, -0.5009, 3.5280



8.0784, -0.0787, 0.6622



14.7593, 20.2848, 9.4497



38.7420, 59.2863, 24.9106

Inverse Universe

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



13.3131, -2.8095, -0.7860



16.2509, -4.0505, -1.4839



11.8117, -0.4282, -2.8058



8.2909, -0.7781, 0.2277



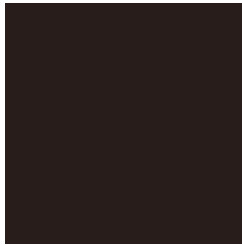
22.7467, -9.4224, -8.0912



60.8322, -24.3709, -23.4251

Previews

White Background



This preview shows how the HunterLab color 11.8700, 1.9687, 2.1694 looks on a white background.

Color Contrast Check

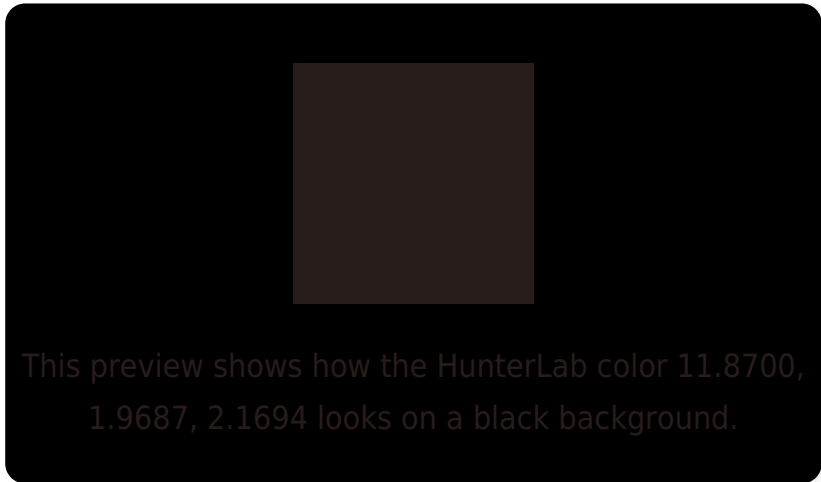
Large Text (above 18pt) WCAG AA ✓ Pass

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

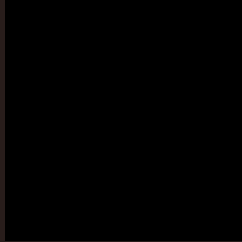
Any Text WCAG AA × Fail

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 11.8700, 1.9687, 2.1694 Background



This preview shows how black text looks on a background with the HunterLab color 11.8700, 1.9687, 2.1694.



This preview shows how white text looks on a background with the HunterLab color 11.8700, 1.9687,

2.1694.

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

11.8700, 1.9687, 2.1694

Protanopia

12.0008, -0.8723, 1.9519

Deuteranopia

12.0516, 0.3973, 2.3319



Tritanopia

11.7497, 2.7978, 0.7477

Trichromacy



Original Color

11.8700, 1.9687, 2.1694

Protanomaly

11.9953, 0.2451, 1.9656

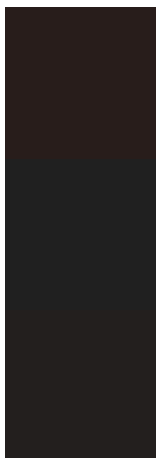
Deuteranomaly

11.9153, 1.0415, 2.2008

Tritanomaly

11.7276, 2.6830, 1.0637

Monochromacy



Original Color

11.8700, 1.9687, 2.1694

Achromatopsia

12.0183, -0.6413, 0.6530

Achromatomaly

11.9626, 0.2162, 1.2873

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 11.8700, 1.9687, 2.1694 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(40, 29, 27)` looks like.

```
.text, #text, p{  
    color:rgb(40, 29, 27)  
}
```

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(40, 29, 27) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(40, 29, 27) }
```

Border

The CSS property to change the border of an element to HunterLab 11.8700, 1.9687, 2.1694 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(40, 29, 27) }
```


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

```
.border{ border-color:rgb(40, 29, 27) }
```

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

Here you see how a box with a 4 pixel `rgb(40, 29, 27)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(40, 29, 27); -webkit-box-  
shadow:4px 4px 4px 4px rgb(40, 29, 27);  
box-shadow:4px 4px 4px 4px rgb(40, 29, 27)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 11.8700, 1.9687, 2.1694 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(40, 29, 27) }
```

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

```
.background{ background-color: rgb(40, 29,  
27) }
```

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