

Converting Colors

HunterLab(12.0489, -0.9665,
2.1502)

Have a look what the booklet for
HunterLab(12.0489, -0.9665, 2.1502)
contains.

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Color

**HunterLab(12.0008, -0.8723,
1.9519)**

Conversions

Conversions Part 1

Format	Color
Hex	21201C
RGB	33, 32, 28
RGB Percent	13%, 13%, 11%
CMY	0.8706, 0.8745, 0.8902
CMYK	0.00, 0.03, 0.15, 0.87
HSL	48°, 8%, 12%
HSV	48°, 15%, 13%
XYZ	1.3533, 1.4402, 1.3053
YIQ	31.8430, 1.8800, -1.0320

Conversions

Conversions Part 2

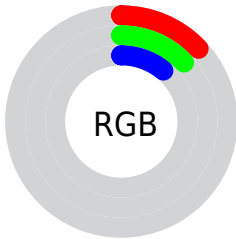
Format	Color
RYB	29, 33, 28
Decimal	2170908
CIELab	12.22, -0.46, 2.89
CIElCh	12, 2.924, 99.112
Yxy	1.4403, 0.3302, 0.3514
Android (android.graphics.Color)	4280360988 (0xFF21201C)
YUV	31.8430, -1.8946, 1.0147
Hunter-Lab	12.0008, -0.8723, 1.9519

Details

The HunterLab color **12.0008, -0.8723, 1.9519** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **11.1148, -0.2955, -0.8316**, and the grayscale version is **11.9746, -0.6389, 0.6506**.

A 20% lighter version of the original color is **26.8358, -1.8495, 3.3332**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **11.7905, -0.9762, 2.7081**, and if you desaturate by 10%, it is **12.2181, -0.7387, 1.1240**.

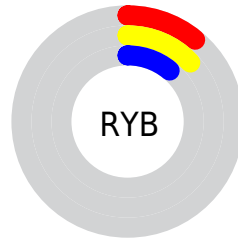
Distribution



Red (13%)

Green (13%)

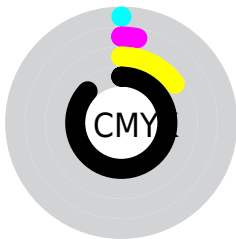
Blue (11%)



Red (11%)

Yellow (13%)

Blue (11%)

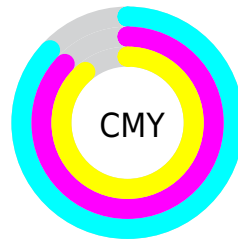


Cyan (0%)

Magenta (3%)

Yellow (15%)

Black (87%)



Cyan (87%)

Magenta (87%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 12.0008, -0.8723, 1.9519 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 12.0008, -0.8723, 1.9519 by changing the saturation by 10% instead.

■ 12.0008, -0.8723,
1.9519

■ 12.0008, -0.8723,
1.9519

102.8884, -5.9708,
8.3831

■ 4.9609, -0.6717,
2.6824

■ 26.8037, -1.7349,
3.1997

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 35.5595, -2.2326,
3.8599

0.0000, NaN, NaN

■ 45.1035, -2.7700,
4.5470

0.0000, NaN, NaN

■ 55.3752, -3.3442,
5.2612

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 66.3264, -3.9532,
6.0025

0.0000, NaN, NaN

■ 77.9172, -4.5949,

0.0000, NaN, NaN

6.7703

■ 90.1141, -5.2679,
7.5640

■ 12.0008, -0.8723,
1.9519

■ 12.0008, -0.8723,
1.9519

■ 11.7905, -0.9762,
2.7081

■ 12.2181, -0.7387,
1.1240

■ 11.5863, -1.0488,
3.3902

■ 12.4414, -0.5750,
0.2259

■ 11.3887, -1.0900,
3.9969

■ 12.6708, -0.3823,
-0.7400

■ 11.1978, -1.0997,
4.5272

■ 12.9064, -0.1615,
-1.7715

■ 11.0134, -1.0776,
4.9802

■ 13.1478, 0.0866,
-2.8661

■ 10.8348, -1.0292,
5.3697

■ 13.3950, 0.3610,
-4.0215

■ 10.6570, -0.9811,
5.7667

■ 13.6479, 0.6609,
-5.2351

■ 10.4794, -0.9370,
6.1810

■ 13.9063, 0.9854,
-6.5046

■ 10.3934, -0.9171,
6.3883

■ 14.1701, 1.3334,
-7.8276

Harmonies

Analogous

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



12.0011, -0.1130, 1.8862



12.0008, -0.8723, 1.9519



12.0011, -1.5532, 1.6872

Triad

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



12.0011, -0.8726, 1.9521



12.0011, -1.7591, -0.2616



12.0011, 0.7617, 0.1445

Complementary

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



12.0008, -0.8723, 1.9519



11.1148, -0.2955, -0.8316

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.



12.0011, 0.2993, -0.4817



12.0008, -0.8723, 1.9519



12.0011, -1.1600, -0.7262

Square

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



12.0011, -0.8726, 1.9521



12.0011, -2.0565, 0.4300



12.0011, -0.4076, -0.8092



12.0011, 0.8434, 0.8723

Rectangle

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



12.0008, -0.8723, 1.9519



12.0011, -1.8751, 1.3483



12.0011, -0.4076, -0.8092



12.0011, 0.6451, -0.0861

Sweetspot

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



12.0011, -0.8726, 1.9521



15.5057, -0.9422, 1.4525



11.1470, 0.7372, 0.6989



9.1532, -0.5553, 0.8524



55.4075, -2.9564, 3.0104



9.2414, -0.4931, 0.5021

Same Dimension

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



12.0011, -0.8726, 1.9521



15.1226, -1.1683, 2.8956



12.1272, -1.5917, 2.0737



6.9041, -0.4380, 0.7486



22.9077, -0.9702, 14.0986



63.4120, -0.8747, 39.0589

Inverse Universe

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



11.1148, -0.2955, -0.8316



13.6884, -0.2317, -1.6152



10.9949, 0.4147, -0.9767



6.6558, -0.2768, -0.0300



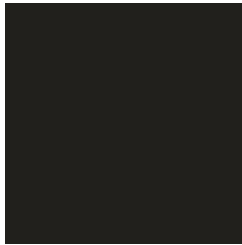
9.6427, 12.6583, -39.3782



24.6736, 43.7067, -125.1900

Previews

White Background



This preview shows how the HunterLab color 12.0008, -0.8723, 1.9519 looks on a white background.

Color Contrast Check

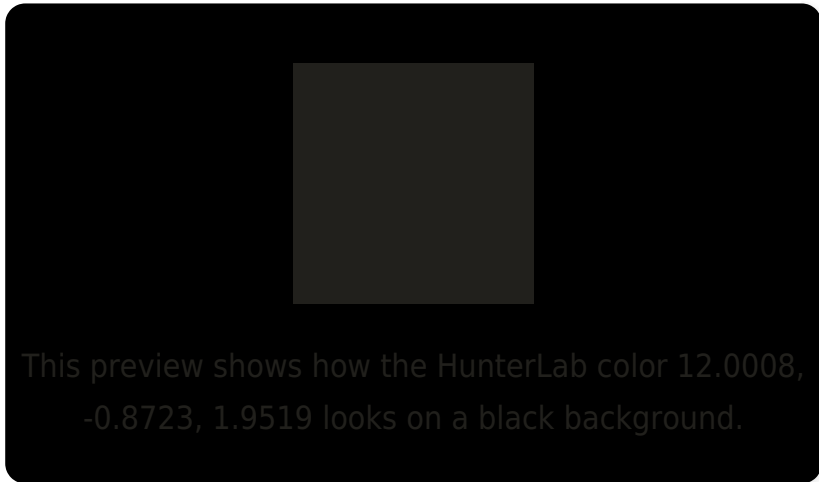
Large Text (above 18pt) WCAG AA ✓ Pass

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

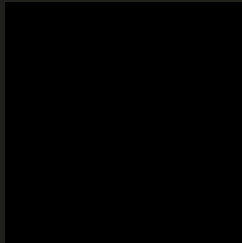
Any Text WCAG AA × Fail

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 12.0008, -0.8723, 1.9519 Background



This preview shows how black text looks on a background with the HunterLab color 12.0008, -0.8723, 1.9519.

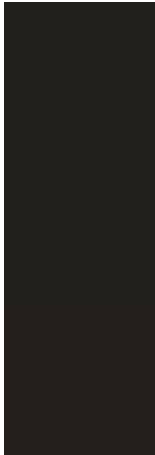


This preview shows how white text looks on a background with the HunterLab color 12.0008, -0.8723,

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

12.0008, -0.8723, 1.9519

Protanopia

12.0008, -0.8723, 1.9519

Deuteranopia

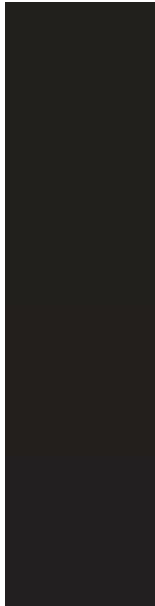
11.9953, 0.2451, 1.9656



Tritanopia

11.9814, 0.4619, -0.0979

Trichromacy



Original Color

12.0008, -0.8723, 1.9519

Protanomaly

12.0008, -0.8723, 1.9519

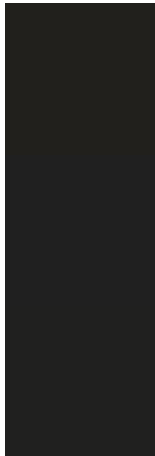
Deuteranomaly

11.9212, -0.0082, 1.8817

Tritanomaly

11.9346, 0.2090, 0.5690

Monochromacy



Original Color

12.0008, -0.8723, 1.9519

Achromatopsia

12.0183, -0.6413, 0.6530

Achromatomaly

11.9960, -0.7636, 0.9714

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 12.0008, -0.8723, 1.9519 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(33, 32, 28)` looks like.

```
.text, #text, p{  
    color:rgb(33, 32, 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(33, 32, 28) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(33, 32, 28) }
```

Border

The CSS property to change the border of an element to HunterLab 12.0008, -0.8723, 1.9519 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(33, 32, 28) }
```


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

```
.border{ border-color:rgb(33, 32, 28) }
```

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

Here you see how a box with a 4 pixel `rgb(33, 32, 28)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(33, 32, 28); -webkit-box-  
shadow:4px 4px 4px 4px rgb(33, 32, 28);  
box-shadow:4px 4px 4px 4px rgb(33, 32, 28)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 12.0008, -0.8723, 1.9519 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(33, 32, 28) }
```

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

```
.background{ background-color: rgb(33, 32,  
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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