

Converting Colors

HunterLab(19.3702, 2.3054,
13.5591)

Have a look what the booklet for
HunterLab(19.3702, 2.3054,
13.5591) contains.

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Color

**HunterLab(19.4347, 3.1159,
12.0301)**

Conversions

Conversions Part 1

Format	Color
Hex	4B3200
RGB	75, 50, 0
RGB Percent	29%, 20%, 0%
CMY	0.7059, 0.8039, 1.0000
CMYK	0.00, 0.33, 1.00, 0.71
HSL	40°, 100%, 15%
HSV	40°, 100%, 29%
XYZ	4.0423, 3.7771, 0.5160
YIQ	51.7750, 30.9500, -10.2500

Conversions

Conversions Part 2

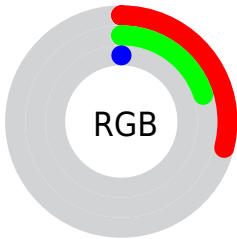
Format	Color
RYB	38, 75, 0
Decimal	4928000
CIELab	22.92, 6.77, 32.14
CIELCh	23, 32.842, 78.110
Yxy	3.7773, 0.4849, 0.4531
Android (android.graphics.Color)	4283118080 (0xFF4B3200)
YUV	51.7750, -25.5251, 20.3683
Hunter-Lab	19.4347, 3.1159, 12.0301

Details

The HunterLab color **19.4347, 3.1159, 12.0301** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **10.9691, 7.1274, -29.0959**, and the grayscale version is **18.5315, -0.9888, 1.0069**.

A 20% lighter version of the original color is **36.1704, 3.0690, 17.9335**, and **5.7285, 4.9406, 3.6163** is the 20% darker color. If you saturate the color by 10%, you get **19.4351, 3.1150, 12.0303**, and if you desaturate by 10%, it is **20.0333, 2.3042, 11.7473**.

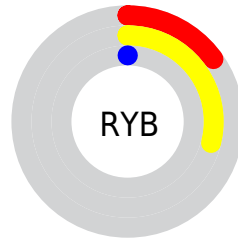
Distribution



Red (29%)

Green (20%)

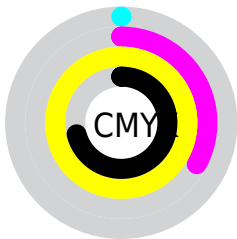
Blue (0%)



Red (15%)

Yellow (29%)

Blue (0%)

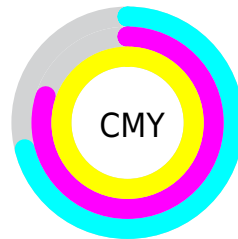


Cyan (0%)

Magenta (33%)

Yellow (100%)

Black (71%)



Cyan (71%)

Magenta (80%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 19.4347, 3.1159, 12.0301 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 19.4347, 3.1159, 12.0301 by changing the saturation by 10% instead.

■ 19.4347, 3.1159,
12.0301

■ 19.4347, 3.1159,
12.0301

■ 117.1652, 1.0923,
34.6705

■ 12.4490, 2.9644,
8.7143

■ 36.2008, 3.1075,
17.8733

■ 5.6866, 4.8813,
3.9806

■ 45.7973, 2.9851,
20.5780

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 56.1180, 2.7979,
23.1384

0.0000, NaN, NaN

■ 67.1150, 2.5531,
25.5876

0.0000, NaN, NaN

■ 78.7491, 2.2561,
27.9496

0.0000, NaN, NaN


0.0000, NaN, NaN


■ 90.9872, 1.9114,


30.2422


0.0000, NaN, NaN

 103.8008, 1.5225,
32.4790

 19.4347, 3.1159,
12.0301

 19.4347, 3.1159,
12.0301


 19.4351, 3.1150,
12.0303

 20.0333, 2.3042,
11.7473

 20.6468, 1.5115,
11.4510

 21.2881, 0.8084,
10.9464

 21.9579, 0.2032,
10.2170

 22.6553, -0.3031,
9.2655

■ 23.3796, -0.7115,
8.0977

■ 24.1298, -1.0238,
6.7217

■ 24.9049, -1.2429,
5.1468

■ 25.7038, -1.3721,
3.3830

Harmonies

Analogous

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



19.4352, 13.6558, 10.3819



19.4347, 3.1159, 12.0301



19.4352, -6.6987, 11.8336

Triad

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



19.4352, 3.1149, 12.0303



19.4352, -16.2315, -5.5836



19.4352, 15.5808, -15.6994

Complementary

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



19.4347, 3.1159, 12.0301



10.9691, 7.1274, -29.0959

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.



19.4352, 5.3552, -25.8584



19.4347, 3.1159, 12.0301



19.4352, -12.3517, -18.2586

Square

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



19.4352, 3.1149, 12.0303



19.4352, -16.5894, 4.4835



19.4352, -4.8691, -26.9794



19.4352, 21.7734, -3.1331

Rectangle

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



19.4347, 3.1159, 12.0301



19.4352, -11.6038, 10.6874



19.4352, -4.8691, -26.9794



19.4352, 12.4157, -19.7346

Sweetspot

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



19.4352, 3.1149, 12.0303



31.3078, -1.2940, 8.9637



12.5143, 21.9913, 3.7386



15.6198, -0.6119, 4.6914



65.8695, -3.5146, 3.5788



17.3419, -0.9253, 0.9422

Same Dimension

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



19.4352, 3.1149, 12.0303



25.0420, 4.5520, 15.5105



24.6425, -10.2805, 15.0045



13.6249, -0.7299, 1.6565



26.3806, 4.8980, 16.3414



62.8689, 14.5234, 38.9938

Inverse Universe

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



10.9691, 7.1274, -29.0959



13.8214, 10.3926, -39.7101



7.6802, 19.7656, -46.3092



13.1627, -0.6656, -0.2562



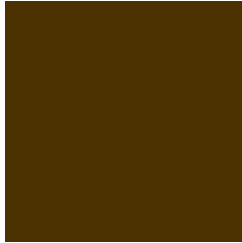
14.5024, 11.1791, -42.2592



33.0489, 33.0723, -112.7017

Previews

White Background



This preview shows how the HunterLab color 19.4347, 3.1159, 12.0301 looks on a white background.

Color Contrast Check

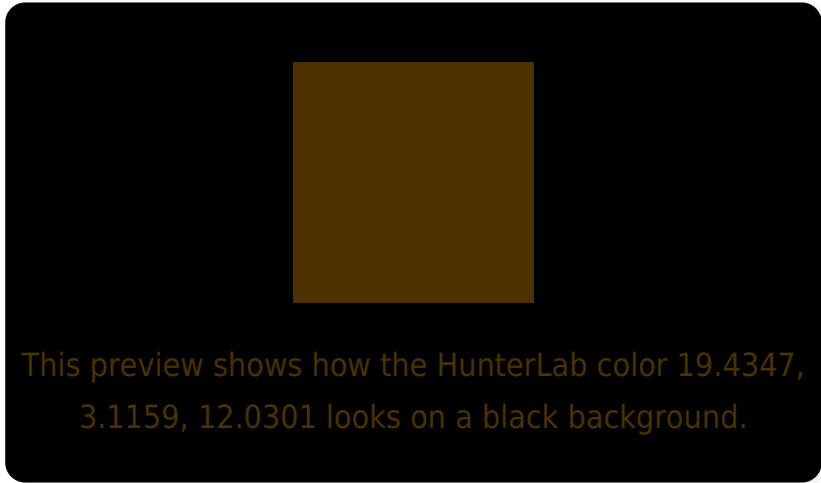
Large Text (above 18pt) WCAG AA ✓ Pass

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

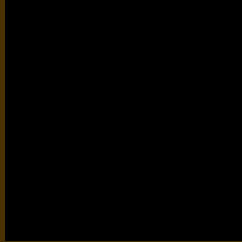
Any Text WCAG AA × Fail

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 19.4347, 3.1159, 12.0301 Background



This preview shows how black text looks on a background with the HunterLab color 19.4347, 3.1159, 12.0301.

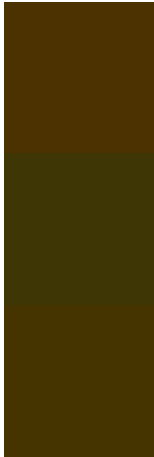


This preview shows how white text looks on a background with the HunterLab color 19.4347, 3.1159,

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

19.4347, 3.1159, 12.0301

Protanopia

19.4100, -2.8822, 11.4713

Deuteranopia

19.3858, 0.6390, 11.9566



Tritanopia

19.3960, 8.5126, 2.8765

Trichromacy



Original Color

19.4347, 3.1159, 12.0301

Protanomaly

19.3548, -0.6303, 11.6514

Deuteranomaly

19.3530, 1.7006, 11.9550

Tritanomaly

19.1672, 6.1086, 7.6907

Monochromacy



Original Color

19.4347, 3.1159, 12.0301

Achromatopsia

18.5310, -0.9888, 1.0068

Achromatomaly

18.5422, -0.4706, 6.8165

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 19.4347, 3.1159, 12.0301 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(75, 50, 0)` looks like.

```
.text, #text, p{  
    color:rgb(75, 50, 0)  
}
```

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(75, 50, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 50, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 19.4347, 3.1159, 12.0301 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(75, 50, 0) }
```


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

```
.border{ border-color:rgb(75, 50, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 50, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 50, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(75, 50, 0); box-shadow:4px  
4px 4px 4px rgb(75, 50, 0) }
```

Background

The CSS property to change the background color of an element to HunterLab 19.4347, 3.1159, 12.0301 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 50, 0) }
```

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

```
.background{ background-color: rgb(75, 50,  
0) }
```

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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