

Converting Colors

HunterLab(50.2517, -9.5437,
35.0034)

Have a look what the booklet for
HunterLab(50.2517, -9.5437,
35.0034) contains.

HunterLab(50.4319, -7.7333, 30.9405)	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(50.4319, -7.7333,
30.9405)**

Conversions

Conversions Part 1

Format	Color
Hex	9B8B00
RGB	155, 139, 0
RGB Percent	61%, 55%, 0%
CMY	0.3922, 0.4549, 1.0000
CMYK	0.00, 0.10, 1.00, 0.39
HSL	54°, 100%, 30%
HSV	54°, 100%, 61%
XYZ	22.7502, 25.4338, 3.7102
YIQ	127.9380, 54.1550, -39.8370

Conversions

Conversions Part 2

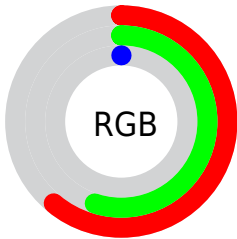
Format	Color
R _Y B	18, 155, 0
Decimal	10193664
CIE Lab	57.50, -6.35, 61.88
CIE LCh	57, 62.201, 95.858
Yxy	25.4350, 0.4384, 0.4901
Android (android.graphics.Color)	4288383744 (0xFF9B8B00)
YUV	127.9380, -63.0734, 23.7334
Hunter-Lab	50.4319, -7.7333, 30.9405

Details

The HunterLab color **50.4319, -7.7333, 30.9405** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **16.5450, 36.8777, -100.2858**, and the grayscale version is **46.6624, -2.4898, 2.5353**.

A 20% lighter version of the original color is **72.3102, -9.5450, 39.6391**, and **31.3008, -5.0602, 19.1988** is the 20% darker color. If you saturate the color by 10%, you get **50.4328, -7.7349, 30.9410**, and if you desaturate by 10%, it is **50.9290, -8.2543, 30.6890**.

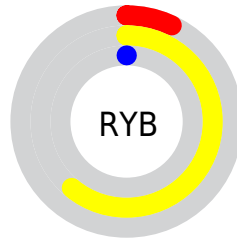
Distribution



Red (61%)

Green (55%)

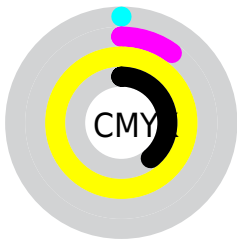
Blue (0%)



Red (7%)

Yellow (61%)

Blue (0%)

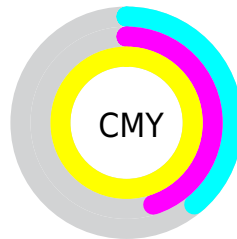


Cyan (0%)

Magenta (10%)

Yellow (100%)

Black (39%)



Cyan (39%)

Magenta (45%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 50.4319, -7.7333, 30.9405 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 50.4319, -7.7333, 30.9405 by changing the saturation by 10% instead.

■ 50.4319, -7.7333,
30.9405

■ 50.4319, -7.7333,
30.9405

167.3312,
-16.5407, 65.7710

■ 40.4987, -6.8343,
26.1999

■ 72.3616, -9.5759,
39.7255

■ 31.3188, -5.9417,
21.5560

■ 84.2759, -10.5191,
43.8271

■ 22.9614, -5.0512,
16.0730

■ 96.7806, -11.4789,
47.7703

■ 15.5174, -4.1511,
10.8622

■ 109.8491,
-12.4560, 51.5773

■ 9.1101, -3.5231,
6.3771

■ 123.4580,
-13.4505, 55.2666

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 137.5867,

-14.4628, 58.8536

0.0000, NaN, NaN

152.2166,
-15.4929, 62.3514

0.0000, NaN, NaN

50.4319, -7.7333,
30.9405

50.4319, -7.7333,
30.9405

50.4328, -7.7349,
30.9410

50.9290, -8.2543,
30.6890

51.4530, -8.6271,
30.0594

52.0161, -8.7919,
28.8914

52.6218, -8.7289,
27.1358

53.2726, -8.4239,
24.7590

■ 53.9705, -7.8674,
21.7393

■ 54.7167, -7.0534,
18.0647

■ 55.5122, -5.9795,
13.7314

■ 56.3573, -4.6454,
8.7424

Harmonies

Analogous

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



50.4331, 19.6194, 29.8248



50.4319, -7.7333, 30.9405



50.4331, -28.9515, 28.1939

Triad

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



50.4331, -7.7353, 30.9409



50.4331, -37.3860, -34.1886



50.4331, 52.0304, -21.0640

Complementary

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



50.4319, -7.7333, 30.9405



16.5450, 36.8777, -100.2858

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.



50.4331, 30.3552, -53.6203



50.4319, -7.7333, 30.9405



50.4331, -21.6961, -63.5283

Square

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



50.4331, -7.7353, 30.9409



50.4331, -43.6753, -2.3974



50.4331, 2.5541, -72.0275



50.4331, 57.8731, 7.3975

Rectangle

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



50.4319, -7.7333, 30.9405



50.4331, -37.9957, 22.9213



50.4331, 2.5541, -72.0275



50.4331, 46.1655, -32.2569

Sweetspot

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



50.4331, -7.7353, 30.9409



73.1637, -9.5135, 24.4909



26.4815, 45.5142, 15.8244



34.6186, -4.7454, 12.6107



88.7363, -4.7347, 4.8212



36.4511, -1.9449, 1.9805

Same Dimension

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



50.4331, -7.7353, 30.9409



67.3718, -10.1640, 41.3362



50.8989, -31.2018, 30.8170



26.6720, -2.1417, 3.9363



45.2346, -6.9878, 27.7510



5.7716, -1.2230, 3.5350

Inverse Universe

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



16.5450, 36.8777, -100.2858



21.8332, 50.5786, -136.4744



18.1922, 44.1595, -89.0814



24.7464, -0.5088, -1.3614



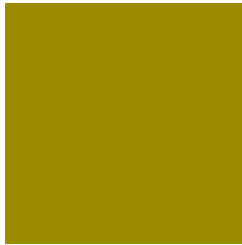
14.9259, 32.6656, -89.1718



2.3871, 2.2030, -7.7394

Previews

White Background



This preview shows how the HunterLab color 50.4319, -7.7333, 30.9405 looks on a white background.

Color Contrast Check

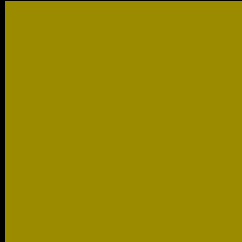
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 50.4319, -7.7333, 30.9405 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

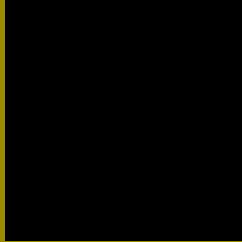
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 50.4319, -7.7333, 30.9405 Background



This preview shows how black text looks on a background with the HunterLab color 50.4319, -7.7333, 30.9405.

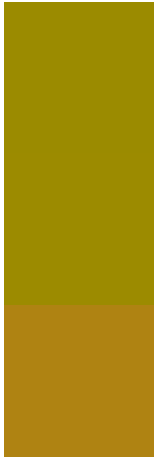


This preview shows how white text looks on a background with the HunterLab color 50.4319, -7.7333,

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

50.4319, -7.7333, 30.9405

Protanopia

50.5303, -7.3815, 31.0073

Deuteranopia

50.3887, 3.5860, 30.4387



Tritanopia

50.3499, 9.7871, 2.4335

Trichromacy



Original Color

50.4319, -7.7333, 30.9405

Protanomaly

50.5303, -7.3815, 31.0073

Deuteranomaly

50.3976, -0.5922, 30.6719

Tritanomaly

49.9532, 0.6512, 19.8342

Monochromacy



Original Color

50.4319, -7.7333, 30.9405

Achromatopsia

46.4608, -2.4790, 2.5243

Achromatomaly

47.4340, -6.9279, 19.3770

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 50.4319, -7.7333, 30.9405 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(155, 139, 0)` looks like.

```
.text, #text, p{  
    color:rgb(155, 139, 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(155, 139, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 139, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 50.4319, -7.7333, 30.9405 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(155, 139, 0) }
```


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

```
.border{ border-color:rgb(155, 139, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 139, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 139, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 139, 0);  
box-shadow:4px 4px 4px 4px rgb(155, 139,  
0) }
```

Background

The CSS property to change the background color of an element to HunterLab 50.4319, -7.7333, 30.9405 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 139, 0) }
```

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

```
.background{ background-color: rgb(155,  
139, 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](#).

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