

# Converting Colors

HunterLab(55.5520, 4.4741,  
19.5133)

Have a look what the booklet for  
HunterLab(55.5520, 4.4741,  
19.5133) contains.

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# Color

**HunterLab(55.5264, 4.6802,  
19.4443)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B5906B
RGB	181, 144, 107
RGB Percent	71%, 56%, 42%
CMY	0.2902, 0.4353, 0.5804
CMYK	0.00, 0.20, 0.41, 0.29
HSL	30°, 33%, 56%
HSV	30°, 41%, 71%
XYZ	31.6831, 30.8318, 18.1912
YIQ	150.8450, 33.9290, -3.6630

# Conversions

## Conversions Part 2

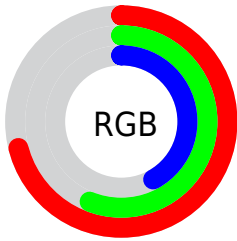
Format	Color
<a href="#">RYB</a>	<a href="#">181, 181, 107</a>
Decimal	<a href="#">11898987</a>
CIELab	<a href="#">62.37, 8.90, 24.96</a>
CIElCh	<a href="#">62, 26.499, 70.377</a>
Yxy	<a href="#">30.8333, 0.3926, 0.3820</a>
Android (android.graphics.Color)	<a href="#">4290089067</a> (0xFFB5906B)
YUV	<a href="#">150.8450, -21.6156, 26.4459</a>
Hunter-Lab	<a href="#">55.5264, 4.6802, 19.4443</a>

# Details

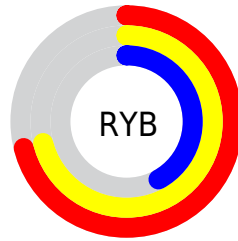
The HunterLab color  $55.5264, 4.6802, 19.4443$  is a dark color, and the websafe version is hex  $CC9966$ . A complement of this color would be  $51.3883, -5.2554, -18.8648$ , and the grayscale version is  $55.6432, -2.9690, 3.0232$ .

A 20% lighter version of the original color is  $78.1463, 4.2049, 23.3408$ , and  $35.7167, 4.4461, 15.2177$  is the 20% darker color. If you saturate the color by 10%, you get  $52.7816, 7.4406, 22.0618$ , and if you desaturate by 10%, it is  $58.4013, 2.2187, 16.2936$ .

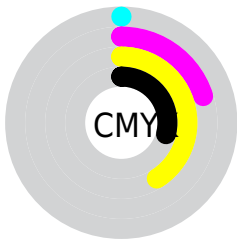
# Distribution



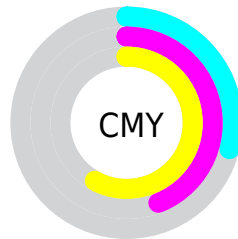
- Red (71%)
- Green (56%)
- Blue (42%)



- Red (71%)
- Yellow (71%)
- Blue (42%)



- Cyan (0%)
- Magenta (20%)
- Yellow (41%)
- Black (29%)




- Cyan (29%)
- Magenta (44%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 55.5264, 4.6802, 19.4443 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 55.5264, 4.6802, 19.4443 by changing the saturation by 10% instead.




 55.5264, 4.6802,  
19.4443


 55.5264, 4.6802,  
19.4443

174.8626, 1.7087,  
36.2057

 45.2459, 4.7501,  
17.3667

 78.0881, 4.3476,  
23.3932


 35.6911, 4.7496,  
15.1868


 90.2935, 4.1011,  
25.2946

 26.9235, 4.6648,  
12.8674


 103.0759, 3.8061,  
27.1620

 19.0214, 4.4793,  
10.3507

 116.4103, 3.4662,  
29.0031

 12.0927, 4.1678,  
8.4649

130.2747, 3.0841,  
30.8236

 5.1186, 7.3026,  
3.5830

144.6496, 2.6625,

0.0000, NaN, NaN

32.6285

0.0000, NaN, NaN

159.5176, 2.2034,  
34.4215

0.0000, NaN, NaN

■ 55.5264, 4.6802,  
19.4443

■ 55.5264, 4.6802,  
19.4443

■ 52.7816, 7.4406,  
22.0618

■ 58.4013, 2.2187,  
16.2936

■ 50.1737, 10.5147,  
24.0959

■ 61.3921, 0.0488,  
12.6563

■ 47.7153, 13.8992,  
25.5047

■ 64.4909, -1.8489,  
8.5794

■ 45.4176, 17.5790,  
26.2583

■ 67.6892, -3.4933,  
4.1061

■ 43.2908, 21.5195,  
26.3537

■ 70.9794, -4.9035,  
-0.7247

■ 41.4999, 25.2509,  
26.0141

■ 74.3545, -6.0982,  
-5.8781

■ 77.8083, -7.0950,  
-11.3233

■ 81.3355, -7.9108,  
-17.0332

■ 84.3418, -11.8280,  
-14.7427

# Harmonies

## Analogous

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



55.5277, 14.9542, 15.0235



55.5264, 4.6802, 19.4443



55.5277, -6.9034, 20.0240

# Triad

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



55.5277, 4.6780, 19.4450



55.5277, -23.1353, -0.9124



55.5277, 12.1398, -15.5650

# Complementary

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



55.5264, 4.6802, 19.4443



51.3883, -5.2554, -18.8648

# 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.



55.5277, 1.0847, -21.9837



55.5264, 4.6802, 19.4443



55.5277, -18.8669, -12.4504

# Square

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



55.5277, 4.6780, 19.4450



55.5277, -22.3448, 9.6493



55.5277, -10.2172, -20.7401



55.5277, 19.4996, -4.5373



# Rectangle

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



55.5264, 4.6802, 19.4443



55.5277, -13.7390, 18.3133



55.5277, -10.2172, -20.7401



55.5277, 8.6970, -18.4258

# Sweetspot

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



55.5277, 4.6780, 19.4450



85.7525, -2.1598, 12.2318



47.2790, 28.0637, -3.4646



39.6187, -0.8601, 6.0197



95.4677, -5.0939, 5.1869



42.2927, -2.2566, 2.2978



# Same Dimension

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



55.5277, 4.6780, 19.4450



71.0191, 9.5443, 29.1879



66.2820, -13.0283, 28.1716



30.3050, -0.9903, 3.6847



34.6577, 20.5009, 21.7148



7.0329, 1.7560, 4.3644



# Inverse Universe

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



51.3883, -5.2554, -18.8648



64.3686, -6.2152, -32.5624



41.2041, 13.0701, -37.2859



29.8473, -2.1095, -0.5289



27.4532, 6.3668, -48.0582



5.9483, -0.7576, -5.7995



# Previews

## White Background



This preview shows how the HunterLab color 55.5264, 4.6802, 19.4443 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

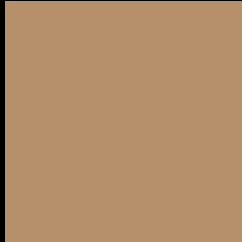
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 55.5264, 4.6802, 19.4443 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

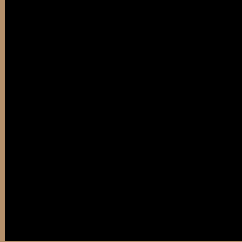
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

## HunterLab 55.5264, 4.6802, 19.4443 Background



This preview shows how black text looks on a background with the HunterLab color 55.5264, 4.6802, 19.4443.



This preview shows how white text looks on a background with the HunterLab color 55.5264, 4.6802,



# 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

55.5264, 4.6802, 19.4443

### Protanopia

55.6241, -4.9815, 18.4640

### Deuteranopia

55.6917, 3.8274, 19.5753



## Tritanopia

55.3725, 14.3803, 3.9267

# Trichromacy



**Original Color**

55.5264, 4.6802, 19.4443

**Protanomaly**

55.4247, -1.3018, 18.6526

**Deuteranomaly**

55.6917, 3.8274, 19.5753

**Tritanomaly**

55.3785, 10.9008, 10.1675

# Monochromacy



**Original Color**

55.5264, 4.6802, 19.4443

**Achromatopsia**

55.6299, -2.9683, 3.0225

**Achromatomaly**

55.3267, -0.4739, 9.5201

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 55.5264, 4.6802, 19.4443 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(181, 144, 107)` looks like.

```
.text, #text, p{  
    color:rgb(181, 144, 107)  
}
```

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(181, 144, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 144, 107) }
```

## Border

The CSS property to change the border of an element to HunterLab 55.5264, 4.6802, 19.4443 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(181, 144, 107) }
```



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

```
.border{ border-color:rgb(181, 144, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 144, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(181, 144, 107); -webkit-box-shadow:4px 4px 4px 4px rgb(181, 144, 107); box-shadow:4px 4px 4px 4px rgb(181, 144, 107) }
```

# Background

The CSS property to change the background color of an element to HunterLab 55.5264, 4.6802, 19.4443 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 144, 107) }
```

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

```
.background{ background-color: rgb(181,  
144, 107) }
```

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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