

# Converting Colors

HunterLab(52.7874, -22.8268,  
15.9529)

Have a look what the booklet for  
HunterLab(52.7874, -22.8268,  
15.9529) contains.

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# Color

**HunterLab(52.8632,  
-22.9768, 15.9449)**

# Conversions

Conversions Part 1	
Format	Color
Hex	6A9C6D
RGB	106, 156, 109
RGB Percent	42%, 61%, 43%
CMY	0.5843, 0.3882, 0.5725
CMYK	0.32, 0.00, 0.30, 0.39
HSL	124°, 20%, 51%
HSV	124°, 32%, 61%
XYZ	20.5926, 27.9452, 18.7766
YIQ	135.6920, -14.7130, -25.2170

# Conversions

## Conversions Part 2

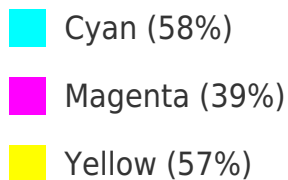
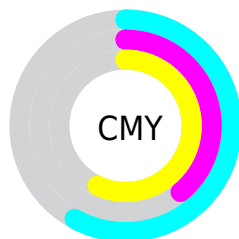
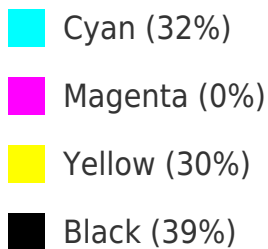
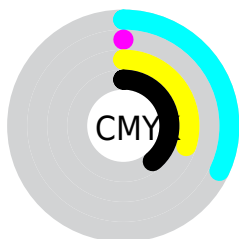
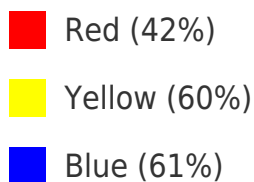
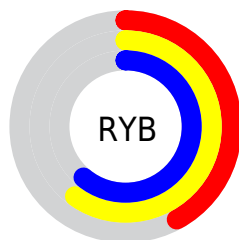
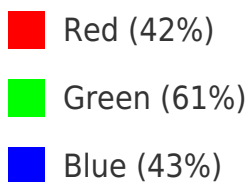
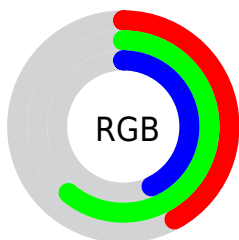
Format	Color
<a href="#">RYB</a>	<a href="#">106, 153, 156</a>
Decimal	<a href="#">6986861</a>
CIELab	<a href="#">59.84, -26.59, 19.44</a>
CIELCh	<a href="#">60, 32.936, 143.836</a>
Yxy	<a href="#">27.9464, 0.3059, 0.4151</a>
Android (android.graphics.Color)	<a href="#">4285176941</a> (0xFF6A9C6D)
YUV	<a href="#">135.6920, -13.1592, -26.0399</a>
Hunter-Lab	<a href="#">52.8632, -22.9768, 15.9449</a>

# Details

The HunterLab color **52.8632, -22.9768, 15.9449** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **44.3581, 21.4256, -12.5748**, and the grayscale version is **49.5521, -2.6440, 2.6923**.

A 20% lighter version of the original color is **75.1882, -27.0613, 19.2682**, and **33.2841, -18.4355, 12.3224** is the 20% darker color. If you saturate the color by 10%, you get **51.7552, -27.8699, 19.1809**, and if you desaturate by 10%, it is **54.1602, -17.4100, 12.3148**.

# Distribution





# Brightness & Saturation Gradients

These gradients show how the HunterLab color 52.8632, -22.9768, 15.9449 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 52.8632, -22.9768, 15.9449 by changing the saturation by 10% instead.





 52.8632, -22.9768,  
15.9449


 52.8632, -22.9768,  
15.9449


170.9417,  
-40.3055, 30.3131


 42.7612, -20.8252,  
14.2175


 75.0991, -27.0648,  
19.2616


 33.3990, -18.5655,  
12.4173


 87.1544, -29.0324,  
20.8747

 24.8418, -16.1552,  
10.5124

 99.7935, -30.9641,  
22.4686

 17.1739, -13.5217,  
8.4508

 112.9906,  
-32.8678, 24.0493

 10.5138, -11.8405,  
7.3596

126.7231,  
-34.7494, 25.6209

0.0000, NaN, NaN

0.0000, NaN, NaN


140.9708,


-36.6138, 27.1870


0.0000, NaN, NaN


155.7157,  
-38.4647, 28.7504


0.0000, NaN, NaN


 52.8632, -22.9768,  
15.9449


 52.8632, -22.9768,  
15.9449


 51.7552, -27.8699,  
19.1809


 54.1602, -17.4100,  
12.3148

 50.8332, -32.0337,  
21.9840


 55.6398, -11.2317,  
8.3327


 50.0956, -35.4349,  
24.3278


 57.2981, -4.5149,  
4.0459

 49.5358, -38.0633,  
26.1986


 59.1282, 2.6665,  
-0.4986


 49.1429, -39.9378,  
27.5995


 61.1223, 10.2409,  
-5.2562

 48.9012, -41.1110,  
28.5518

 63.2718, 18.1416,  
-10.1858

 48.7837, -41.6819,  
29.0038

 65.5680, 26.3086,  
-15.2512

 68.0018, 34.6896,  
-20.4213

 70.5645, 43.2399,  
-25.6700

# Harmonies

## Analogous

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



52.8643, -13.3389, 21.4489



52.8632, -22.9768, 15.9449



52.8643, -27.1664, 5.5724

# Triad

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



52.8643, -22.9778, 15.9454



52.8643, -5.7031, -29.7185



52.8643, 24.3291, 12.2743

# Complementary

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



52.8632, -22.9768, 15.9449



44.3581, 21.4256, -12.5748

# 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.



52.8643, 26.9191, 0.0329



52.8632, -22.9768, 15.9449



52.8643, 8.5840, -26.5635

# Square

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



52.8643, -22.9778, 15.9454



52.8643, -17.8885, -22.4629



52.8643, 20.8912, -14.7141



52.8643, 14.1436, 19.7505



# Rectangle

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



52.8632, -22.9768, 15.9449



52.8643, -26.6551, -3.6685



52.8643, 20.8912, -14.7141



52.8643, 26.1583, 8.6806

# Sweetspot

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



52.8643, -22.9778, 15.9454



75.3804, -13.5099, 10.1875



56.2494, -10.4626, 20.1045



35.2293, -6.8735, 5.1222



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.



52.8643, -22.9778, 15.9454



70.2141, -35.4890, 24.4727



53.4318, -19.6715, 7.7545



27.2162, -4.5639, 3.4759



44.2761, -37.8153, 26.2911



5.9346, -4.9679, 3.3065



# Inverse Universe

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



44.3581, 21.4256, -12.5748



56.5878, 35.8954, -21.3375



43.5295, 17.2956, -0.9271



25.9763, 1.8661, -0.6602



27.4763, 53.3416, -30.9862

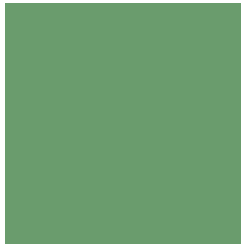


3.6993, 7.2205, -4.4727



# Previews

## White Background



This preview shows how the HunterLab color 52.8632, -22.9768, 15.9449 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 52.8632, -22.9768, 15.9449 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

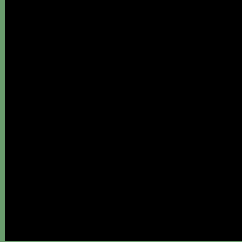
Any Text WCAG AA ✓ Pass

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 52.8632, -22.9768, 15.9449 Background



This preview shows how black text looks on a background with the HunterLab color 52.8632, -22.9768, 15.9449.



This preview shows how white text looks on a background with the HunterLab color 52.8632,

-22.9768, 15.9449.

# 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

52.8632, -22.9768, 15.9449

### Protanopia

52.5288, -4.2936, 17.8092

### Deuteranopia

52.6251, 3.6176, 14.8893



## Tritanopia

52.7078, -9.6635, -5.6199

# Trichromacy



## Original Color

52.8632, -22.9768, 15.9449



## Protanomaly

52.4577, -11.9854, 17.0091



## Deuteranomaly

52.3836, -7.4123, 14.7985



## Tritanomaly

52.7771, -15.2712, 3.5044

# Monochromacy



## Original Color

52.8632, -22.9768, 15.9449



## Achromatopsia

49.6187, -2.6475, 2.6959



## Achromatomaly

50.5087, -10.4793, 7.7694

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 52.8632, -22.9768, 15.9449 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(106, 156, 109)` looks like.

```
.text, #text, p{  
    color:rgb(106, 156, 109)  
}
```

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(106, 156, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 156, 109) }
```

## Border

The CSS property to change the border of an element to HunterLab 52.8632, -22.9768, 15.9449 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(106, 156, 109) }
```



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

```
.border{ border-color:rgb(106, 156, 109) }
```

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

Here you see how a box with a 4 pixel rgb(106, 156, 109) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 156, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 156, 109);  
box-shadow:4px 4px 4px 4px rgb(106, 156,  
109) }
```

# Background

The CSS property to change the background color of an element to HunterLab 52.8632, -22.9768, 15.9449 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 156, 109) }
```

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

```
.background{ background-color: rgb(106,  
156, 109) }
```

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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