

# Converting Colors

HunterLab(63.1424, -28.3692,  
20.9802)

Have a look what the booklet for  
HunterLab(63.1424, -28.3692,  
20.9802) contains.

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# Color

**HunterLab(63.2820,  
-28.6304, 21.2420)**

# Conversions

Conversions Part 1	
Format	Color
Hex	7DB87A
RGB	125, 184, 122
RGB Percent	49%, 72%, 48%
CMY	0.5098, 0.2784, 0.5216
CMYK	0.32, 0.00, 0.34, 0.28
HSL	117°, 30%, 60%
HSV	117°, 34%, 72%
XYZ	29.1108, 40.0461, 24.6077
YIQ	159.2910, -15.2620, -31.7900

# Conversions

## Conversions Part 2

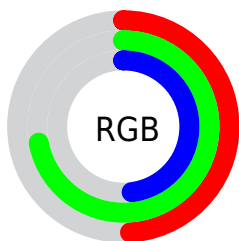
Format	Color
<a href="#">RYB</a>	<a href="#">122, 184, 181</a>
Decimal	<a href="#">8239226</a>
CIELab	<a href="#">69.50, -31.51, 25.59</a>
CIELCh	<a href="#">70, 40.595, 140.915</a>
Yxy	<a href="#">40.0478, 0.3105, 0.4271</a>
Android (android.graphics.Color)	<a href="#">4286429306</a> (0xFF7DB87A)
YUV	<a href="#">159.2910, -18.3845, -30.0732</a>
Hunter-Lab	<a href="#">63.2820, -28.6304, 21.2420</a>

# Details

The HunterLab color **63.2820, -28.6304, 21.2420** is a dark color, and the websafe version is hex **99CC99**. A complement of this color would be **52.1581, 27.3707, -18.9316**, and the grayscale version is **59.0788, -3.1523, 3.2099**.

A 20% lighter version of the original color is **86.6020, -33.0611, 25.0182**, and **42.5795, -23.9291, 17.0412** is the 20% darker color. If you saturate the color by 10%, you get **61.9922, -34.3638, 25.1731**, and if you desaturate by 10%, it is **64.7951, -22.0743, 16.6945**.

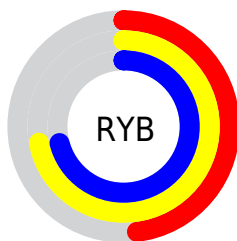
# Distribution



Red (49%)

Green (72%)

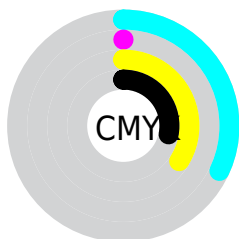
Blue (48%)



Red (48%)

Yellow (72%)

Blue (71%)

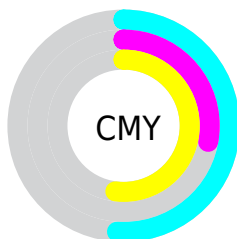


Cyan (32%)

Magenta (0%)

Yellow (34%)

Black (28%)



Cyan (51%)

Magenta (28%)


Yellow (52%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 63.2820, -28.6304, 21.2420 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 63.2820, -28.6304, 21.2420 by changing the saturation by 10% instead.





 63.2820, -28.6304,  
21.2420


 63.2820, -28.6304,  
21.2420


186.0981,  
-47.7738, 38.1092


 52.5127, -26.2585,  
19.1802


 86.7389, -33.1528,  
25.1880

 42.4337, -23.7804,  
17.0322


 99.3588, -35.3314,  
27.0972

 33.0974, -21.1616,  
14.7690


 112.5375,  
-37.4695, 28.9762

 24.5686, -18.3474,  
12.3468

126.2522,  
-39.5748, 30.8317

 16.9325, -15.2469,  
9.8863

140.4829,  
-41.6533, 32.6689

 10.3090, -14.0450,  
7.2163

155.2114,


0.0000, NaN, NaN


-43.7101, 34.4921


0.0000, NaN, NaN


170.4214,  
-45.7491, 36.3045


0.0000, NaN, NaN


 63.2820, -28.6304,  
21.2420


 63.2820, -28.6304,  
21.2420

 61.9922, -34.3638,  
25.1731


 64.7951, -22.0743,  
16.6945


 60.9215, -39.2124,  
28.4481


 66.5242, -14.7666,  
11.5795


 60.0677, -43.1415,  
31.0476


 68.4651, -6.7926,  
5.9562

 59.4225, -46.1449,  
32.9746


 70.6101, 1.7605,  
-0.1131


 58.9729, -48.2513,  
34.2592


 72.9501, 10.8071,  
-6.5670

 58.6994, -49.5309,  
34.9647

 75.4753, 20.2667,  
-13.3468

 58.6004, -49.9979,  
35.2340

 78.1753, 30.0665,  
-20.3988

 79.2228, 33.5703,  
-21.3995

# Harmonies

## Analogous

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



63.2833, -15.5539, 27.5567



63.2820, -28.6304, 21.2420



63.2833, -34.7413, 8.5454

# Triad

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



63.2833, -28.6316, 21.2426



63.2833, -8.8852, -39.7653



63.2833, 33.2879, 14.3473

# Complementary

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



63.2820, -28.6304, 21.2420



52.1581, 27.3707, -18.9316

# 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.



63.2833, 35.6023, -2.1194



63.2820, -28.6304, 21.2420



63.2833, 9.7898, -36.8862

# Square

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



63.2833, -28.6316, 21.2426



63.2833, -24.2309, -28.7509



63.2833, 26.5806, -21.7417



63.2833, 20.5776, 24.4412



# Rectangle

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



63.2820, -28.6304, 21.2420



63.2833, -34.5849, -3.2850



63.2833, 26.5806, -21.7417



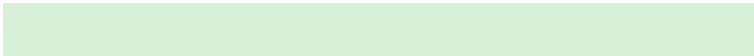
63.2833, 35.3605, 9.5079

# Sweetspot

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



63.2833, -28.6316, 21.2426



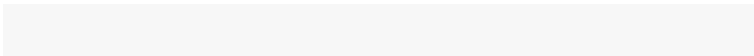
90.4557, -16.1892, 12.9925



66.7867, -10.5429, 24.6229



41.8338, -8.2002, 6.5137



96.5975, -5.1542, 5.2483



43.2801, -2.3093, 2.3515



# Same Dimension

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



63.2833, -28.6316, 21.2426



83.9586, -44.0527, 32.3816



63.7332, -25.6490, 12.0186



31.7495, -5.3588, 4.3310



48.6567, -41.4667, 29.2561



9.1741, -7.6215, 5.5196



# Inverse Universe

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



52.1581, 27.3707, -18.9316



66.2105, 45.6491, -32.0147



51.4919, 23.3753, -4.1301



30.2325, 2.2203, -1.0992



29.4676, 58.5578, -43.6995



5.5940, 11.0829, -8.0362



# Previews

## White Background



This preview shows how the HunterLab color 63.2820, -28.6304, 21.2420 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

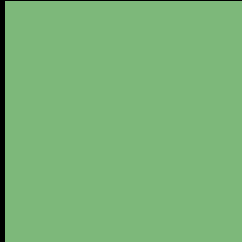
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 63.2820, -28.6304, 21.2420 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

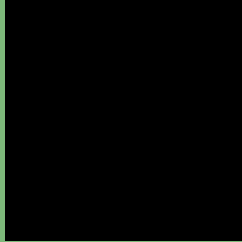
Any Text WCAG AA ✓ Pass

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 63.2820, -28.6304, 21.2420 Background



This preview shows how black text looks on a background with the HunterLab color 63.2820, -28.6304, 21.2420.



This preview shows how white text looks on a background with the HunterLab color 63.2820,

-28.6304, 21.2420.

# 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

63.2820, -28.6304, 21.2420

### Protanopia

63.0112, -5.8267, 23.1780

### Deuteranopia




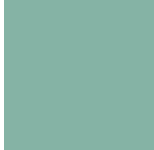
62.8610, 4.4412, 19.8744




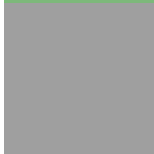
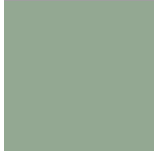
## Tritanopia

63.3141, -11.7412, -6.8107

# Trichromacy

	<b>Original Color</b> 63.2820, -28.6304, 21.2420
	<b>Protanomaly</b> 62.6590, -14.7716, 22.1336
	<b>Deuteranomaly</b> 62.4506, -8.9932, 19.9042
	<b>Tritanomaly</b> 63.2008, -18.5718, 5.2243

# Monochromacy

	<b>Original Color</b> 63.2820, -28.6304, 21.2420
	<b>Achromatopsia</b> 58.8816, -3.1418, 3.1991
	<b>Achromatomaly</b> 60.2359, -12.8865, 10.1244

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 63.2820, -28.6304, 21.2420 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(125, 184, 122)` looks like.

```
.text, #text, p{  
    color:rgb(125, 184, 122)  
}
```

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(125, 184, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 184, 122) }
```

## Border

The CSS property to change the border of an element to HunterLab 63.2820, -28.6304, 21.2420 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(125, 184, 122) }
```



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

```
.border{ border-color:rgb(125, 184, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 184, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 184, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 184, 122);  
box-shadow:4px 4px 4px 4px rgb(125, 184,  
122) }
```

# Background

The CSS property to change the background color of an element to HunterLab 63.2820, -28.6304, 21.2420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 184, 122) }
```

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

```
.background{ background-color: rgb(125,  
184, 122) }
```

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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