

Converting Colors

HunterLab(64.4499, -28.1309,
14.2043)

Have a look what the booklet for
HunterLab(64.4499, -28.1309,
14.2043) contains.

HunterLab(64.4499, -28.1309, 14.2043)	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(64.4499,
-28.1309, 14.2043)**

Conversions

Conversions Part 1

Format	Color
Hex	77BB92
RGB	119, 187, 146
RGB Percent	47%, 73%, 57%
CMY	0.5333, 0.2667, 0.4274
CMYK	0.36, 0.00, 0.22, 0.27
HSL	144°, 33%, 60%
HSV	144°, 36%, 73%
XYZ	30.5664, 41.5379, 33.6007
YIQ	161.9940, -27.3670, -27.1670

Conversions

Conversions Part 2

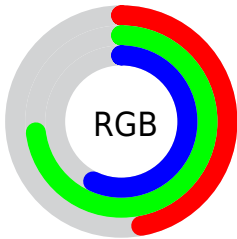
Format	Color
RYB	119, 168, 187
Decimal	7846802
CIELab	70.55, -30.50, 14.07
CIELCh	71, 33.595, 155.233
Yxy	41.5396, 0.2892, 0.3930
Android (android.graphics.Color)	4286036882 (0xFF77BB92)
YUV	161.9940, -7.8850, -37.7057
Hunter-Lab	64.4499, -28.1309, 14.2043

Details

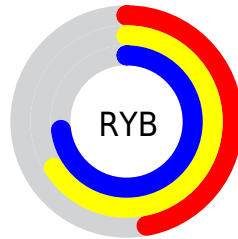
The HunterLab color $64.4499, -28.1309, 14.2043$ is a light color, and the websafe version is hex $99CC99$. A complement of this color would be $51.2811, 26.6459, -6.3881$, and the grayscale version is $60.1468, -3.2093, 3.2679$.

A 20% lighter version of the original color is $88.1792, -32.8370, 17.0195$, and $43.3527, -23.2971, 11.4994$ is the 20% darker color. If you saturate the color by 10%, you get $63.2537, -33.3327, 17.0024$, and if you desaturate by 10%, it is $65.8512, -22.2302, 11.3562$.

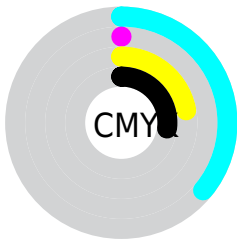
Distribution



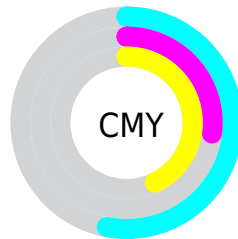
- Red (47%)
- Green (73%)
- Blue (57%)



- Red (47%)
- Yellow (66%)
- Blue (73%)



- Cyan (36%)
- Magenta (0%)
- Yellow (22%)
- Black (27%)



- Cyan (53%)
- Magenta (27%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 64.4499, -28.1309, 14.2043 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 64.4499, -28.1309, 14.2043 by changing the saturation by 10% instead.

■ 64.4499, -28.1309,
14.2043

■ 64.4499, -28.1309,
14.2043

187.7687,
-46.8230, 26.2686

■ 53.6106, -25.8290,
12.8508

■ 88.0354, -32.5302,
16.8785

■ 43.4568, -23.4292,
11.4739

■ 100.7151,
-34.6538, 18.2085

■ 34.0399, -20.8996,
10.0611

■ 113.9510,
-36.7404, 19.5390

■ 25.4229, -18.1904,
8.5919

127.7208,
-38.7969, 20.8723

■ 17.6883, -15.2187,
7.0318

142.0045,
-40.8293, 22.2106

■ 10.9513, -13.2046,
6.1065

156.7842,

■ 2.4728, -4.3274,

-42.8420, 23.5553

1.7310

172.0438,
-44.8389, 24.9077

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 64.4499, -28.1309,
14.2043

■ 64.4499, -28.1309,
14.2043

■ 63.2537, -33.3327,
17.0024

■ 65.8512, -22.2302,
11.3562

■ 62.2572, -37.7888,
19.7140

■ 67.4523, -15.6850,
8.4885

■ 61.4568, -41.4754,
22.3051

■ 69.2505, -8.5627,
5.6313

■ 60.8438, -44.3915,
24.7421


■ 71.2402, -0.9332,
2.8098


■ 60.4045, -46.5652,


■ 73.4142, 7.1333,


26.9935


0.0453


 60.1175, -48.0669,
29.0292

 75.7644, 15.5695,
-2.6458

 60.0333, -48.5184,
29.7009

 78.2821, 24.3135,
-5.2511

 79.2908, 28.2386,
-10.1034

 79.7166, 30.3915,
-16.0842

Harmonies

Analogous

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



64.4512, -19.6142, 22.4992



64.4499, -28.1309, 14.2043



64.4512, -30.3002, 0.8922

Triad

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



64.4512, -28.1319, 14.2050



64.4512, -0.7259, -31.2175



64.4512, 22.5045, 17.7053

Complementary

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



64.4499, -28.1309, 14.2043



51.2811, 26.6459, -6.3881

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.



64.4512, 28.6913, 6.0190



64.4499, -28.1309, 14.2043



64.4512, 14.5000, -23.9240

Square

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



64.4512, -28.1319, 14.2050



64.4512, -15.3565, -27.5789



64.4512, 25.6335, -9.4090



64.4512, 9.4054, 24.1637

Rectangle

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



64.4499, -28.1309, 14.2043



64.4512, -28.0462, -9.6576



64.4512, 25.6335, -9.4090



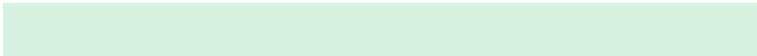
64.4512, 25.5146, 14.3747

Sweetspot

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



64.4512, -28.1319, 14.2050



91.4837, -16.1379, 9.3727



66.6668, -20.8498, 25.1927



42.7780, -8.1795, 4.6427



97.7295, -5.2146, 5.3098



44.2712, -2.3622, 2.4053

Same Dimension

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



64.4512, -28.1319, 14.2050



84.8956, -43.5248, 22.1415



65.3619, -22.8341, 1.1562



32.7272, -5.1227, 3.0893



49.8440, -40.1889, 24.4557



9.9304, -7.5478, 3.8814

Inverse Universe

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



51.2811, 26.6459, -6.3881



63.7189, 45.0243, -10.7533



50.2891, 21.7368, 7.7221



31.0328, 1.8615, 0.4158



28.4806, 51.6957, -4.2461



5.7471, 10.6279, -2.3776

Previews

White Background



This preview shows how the HunterLab color 64.4499, -28.1309, 14.2043 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 64.4499, -28.1309, 14.2043 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

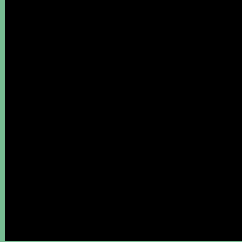
Any Text WCAG AA ✓ Pass

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 64.4499, -28.1309, 14.2043 Background



This preview shows how black text looks on a background with the HunterLab color 64.4499, -28.1309, 14.2043.



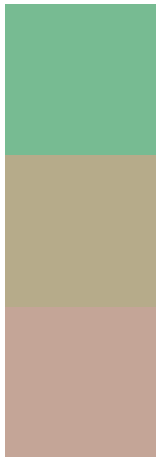
This preview shows how white text looks on a background with the HunterLab color 64.4499,

-28.1309, 14.2043.

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

64.4499, -28.1309, 14.2043

Protanopia

63.9577, -4.6386, 17.0393

Deuteranopia

63.9378, 4.8219, 12.3327



Tritanopia

64.2872, -14.2734, -8.2528

Trichromacy



Original Color

64.4499, -28.1309, 14.2043

Protanomaly

63.8266, -14.2952, 15.6711

Deuteranomaly

63.5468, -8.6327, 12.4770

Tritanomaly

64.4026, -19.9285, 1.0427

Monochromacy



Original Color

64.4499, -28.1309, 14.2043

Achromatopsia

60.1088, -3.2073, 3.2658

Achromatomaly

61.3491, -13.0390, 7.1779

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 64.4499, -28.1309, 14.2043 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(119, 187, 146)` looks like.

```
.text, #text, p{  
    color:rgb(119, 187, 146)  
}
```

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(119, 187, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 187, 146) }
```

Border

The CSS property to change the border of an element to HunterLab 64.4499, -28.1309, 14.2043 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(119, 187, 146) }
```


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

```
.border{ border-color:rgb(119, 187, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 187, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 187, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 187, 146);  
box-shadow:4px 4px 4px 4px rgb(119, 187,  
146) }
```

Background

The CSS property to change the background color of an element to HunterLab 64.4499, -28.1309, 14.2043 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 187, 146) }
```

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

```
.background{ background-color: rgb(119,  
187, 146) }
```

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