

Converting Colors

HunterLab(63.8367, -28.8909,
9.4493)

Have a look what the booklet for
HunterLab(63.8367, -28.8909,
9.4493) contains.

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Color

**HunterLab(63.7042,
-28.8132, 9.4768)**

Conversions

Conversions Part 1

Format	Color
Hex	6ABA9C
RGB	106, 186, 156
RGB Percent	42%, 73%, 61%
CMY	0.5843, 0.2706, 0.3882
CMYK	0.43, 0.00, 0.16, 0.27
HSL	157°, 37%, 57%
HSV	157°, 43%, 73%
XYZ	29.5035, 40.5823, 37.7306
YIQ	158.6600, -38.0500, -26.2900

Conversions

Conversions Part 2

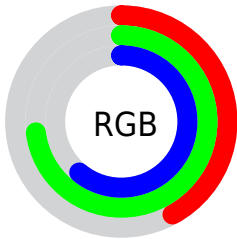
Format	Color
RYB	106, 155, 186
Decimal	6994588
CIELab	69.88, -31.64, 7.60
CIELCh	70, 32.538, 166.500
Yxy	40.5839, 0.2736, 0.3764
Android (android.graphics.Color)	4285184668 (0xFF6ABA9C)
YUV	158.6600, -1.3114, -46.1828
Hunter-Lab	63.7042, -28.8132, 9.4768

Details

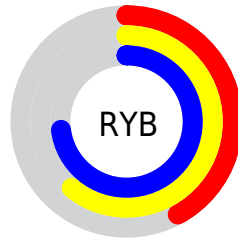
The HunterLab color **63.7042, -28.8132, 9.4768** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **47.4613, 29.2037, 0.6570**, and the grayscale version is **58.7602, -3.1353, 3.1926**.

A 20% lighter version of the original color is **87.3678, -33.6155, 11.8695**, and **42.6922, -23.8430, 7.3289** is the 20% darker color. If you saturate the color by 10%, you get **62.7181, -33.0421, 11.1783**, and if you desaturate by 10%, it is **64.8790, -23.9349, 7.9037**.

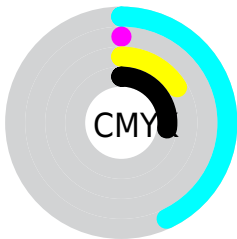
Distribution



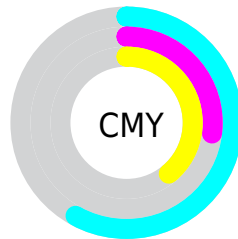
- Red (42%)
- Green (73%)
- Blue (61%)



- Red (42%)
- Yellow (61%)
- Blue (73%)



- Cyan (43%)
- Magenta (0%)
- Yellow (16%)
- Black (27%)



- Cyan (58%)
- Magenta (27%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 63.7042, -28.8132, 9.4768 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 63.7042, -28.8132, 9.4768 by changing the saturation by 10% instead.

■ 63.7042, -28.8132,
9.4768

■ 63.7042, -28.8132,
9.4768

186.7026,
-47.9981, 18.9949

■ 52.9094, -26.4366,
8.4904

■ 87.2077, -33.3445,
11.4860

■ 42.8033, -23.9545,
7.5108

■ 99.8493, -35.5278,
12.5109

■ 33.4378, -21.3326,
6.5335

■ 113.0487,
-37.6706, 13.5509

■ 24.8769, -18.5168,
5.5502

■ 126.7835,
-39.7806, 14.6068

■ 17.2049, -15.4175,
4.5458

141.0333,
-41.8639, 15.6789

■ 10.5401, -13.9133,
3.6638

155.7804,

0.0000, NaN, NaN

-43.9253, 16.7675

0.0000, NaN, NaN

171.0084,
-45.9689, 17.8728

0.0000, NaN, NaN

■ 63.7042, -28.8132,
9.4768

■ 63.7042, -28.8132,
9.4768

■ 62.7181, -33.0421,
11.1783

■ 64.8790, -23.9349,
7.9037

■ 61.9126, -36.5981,
12.9834

■ 66.2401, -18.4414,
6.4751

■ 61.2812, -39.4804,
14.8664

■ 67.7875, -12.3811,
5.2057

■ 60.8121, -41.7108,
16.7975

■ 69.5181, -5.8090,
4.1048

■ 60.4883, -43.3397,
18.7440

■ 71.4270, 1.2163,
3.1775

■ 60.3208, -44.2280,
20.0799

■ 73.5080, 8.6360,
2.4251

■ 75.7540, 16.3931,
1.8456

■ 78.1575, 24.4346,
1.4347

■ 78.4106, 25.6794,
-1.7953

Harmonies

Analogous

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



63.7055, -22.7856, 19.4493



63.7042, -28.8132, 9.4768



63.7055, -28.4906, -4.7229

Triad

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



63.7055, -28.8140, 9.4775



63.7055, 4.8956, -28.3886



63.7055, 17.4264, 20.1653

Complementary

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



63.7042, -28.8132, 9.4768



47.4613, 29.2037, 0.6570

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.



63.7055, 26.2913, 10.6971



63.7042, -28.8132, 9.4768



63.7055, 18.6166, -18.1596

Square

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



63.7055, -28.8140, 9.4775



63.7055, -9.9202, -28.9283



63.7055, 26.7458, -3.1915



63.7055, 3.3881, 24.5982

Rectangle

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



63.7042, -28.8132, 9.4768



63.7055, -24.7318, -14.8583



63.7055, 26.7458, -3.1915



63.7055, 21.1641, 17.5780

Sweetspot

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



63.7055, -28.8140, 9.4775



91.2163, -16.8426, 7.0411



64.3819, -28.3183, 26.6183



42.5785, -8.7824, 3.4739



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.



63.7055, -28.8140, 9.4775



84.4547, -44.4053, 15.0138



61.5822, -19.4657, -7.1212



31.8621, -4.6663, 2.2267



49.4907, -36.1835, 16.2507



9.3543, -6.4126, 2.1509

Inverse Universe

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



47.4613, 29.2037, 0.6570



58.4295, 49.3945, 1.4590



48.8041, 20.7376, 13.8697



30.1105, 1.4910, 1.2180



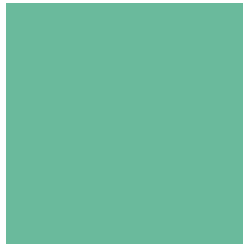
27.0777, 47.5121, 8.6539



5.2024, 9.3525, -0.0748

Previews

White Background



This preview shows how the HunterLab color 63.7042, -28.8132, 9.4768 looks on a white background.

Color Contrast Check

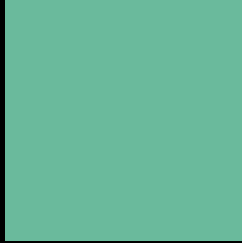
Large Text (above 18pt) WCAG AA × Fail

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 63.7042, -28.8132, 9.4768 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

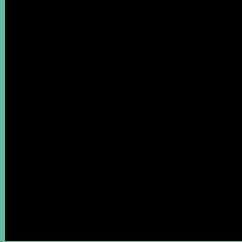
Any Text WCAG AA ✓ Pass

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 63.7042, -28.8132, 9.4768 Background



This preview shows how black text looks on a background with the HunterLab color 63.7042, -28.8132, 9.4768.



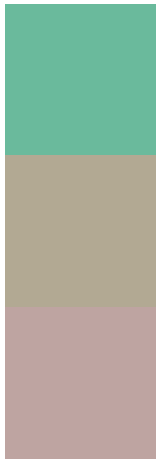
This preview shows how white text looks on a background with the HunterLab color 63.7042, -28.8132, 9.4768.

-28.8132, 9.4768.

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

63.7042, -28.8132, 9.4768

Protanopia

63.2040, -3.8118, 12.9850

Deuteranopia

63.3019, 4.6756, 7.5069



Tritanopia

63.7972, -17.7001, -8.9805

Trichromacy



Original Color

63.7042, -28.8132, 9.4768

Protanomaly

62.8787, -14.1322, 11.2908

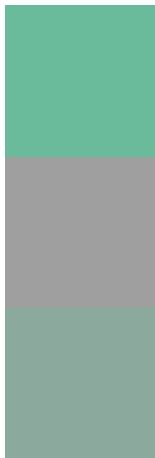
Deuteranomaly

62.7528, -9.3824, 7.5129

Tritanomaly

63.7557, -22.1035, -1.7550

Monochromacy



Original Color

63.7042, -28.8132, 9.4768

Achromatopsia

58.8816, -3.1418, 3.1991

Achromatomaly

60.3490, -13.4022, 5.1720

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 63.7042, -28.8132, 9.4768 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, 186, 156)` looks like.

```
.text, #text, p{  
    color:rgb(106, 186, 156)  
}
```

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, 186, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 186, 156) }
```

Border

The CSS property to change the border of an element to HunterLab 63.7042, -28.8132, 9.4768 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, 186, 156) }
```


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

```
.border{ border-color:rgb(106, 186, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 186, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(106, 186, 156); -webkit-box-shadow:4px 4px 4px 4px rgb(106, 186, 156); box-shadow:4px 4px 4px 4px rgb(106, 186, 156) }
```

Background

The CSS property to change the background color of an element to HunterLab 63.7042, -28.8132, 9.4768 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 186, 156) }
```

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

```
.background{ background-color: rgb(106,  
186, 156) }
```

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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