

Converting Colors

HunterLab(68.6754, -29.7353,
0.0879)

Have a look what the booklet for
HunterLab(68.6754, -29.7353,
0.0879) contains.

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Color

**HunterLab(68.6831,
-29.8725, 0.2393)**

Conversions

Conversions Part 1

Format	Color
Hex	63C7BD
RGB	99, 199, 189
RGB Percent	39%, 78%, 74%
CMY	0.6117, 0.2196, 0.2588
CMYK	0.50, 0.00, 0.05, 0.22
HSL	174°, 47%, 58%
HSV	174°, 50%, 78%
XYZ	34.7544, 47.1737, 55.4178
YIQ	167.9600, -56.3900, -24.3100

Conversions

Conversions Part 2

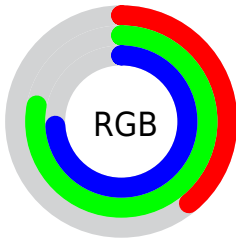
Format	Color
RYB	99, 152, 199
Decimal	6539197
CIELab	74.30, -31.69, -3.99
CIElCh	74, 31.936, 187.180
Yxy	47.1755, 0.2530, 0.3435
Android (android.graphics.Color)	4284729277 (0xFF63C7BD)
YUV	167.9600, 10.3727, -60.4779
Hunter-Lab	68.6831, -29.8725, 0.2393

Details

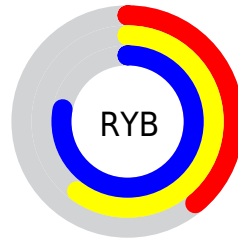
The HunterLab color **68.6831, -29.8725, 0.2393** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **47.0865, 34.2712, 11.3945**, and the grayscale version is **62.5360, -3.3368, 3.3977**.

A 20% lighter version of the original color is **92.2933, -33.9592, 0.7809**, and **47.3135, -25.2179, -0.4757** is the 20% darker color. If you saturate the color by 10%, you get **67.8996, -33.0486, 0.2030**, and if you desaturate by 10%, it is **69.6598, -26.0125, 0.5199**.

Distribution



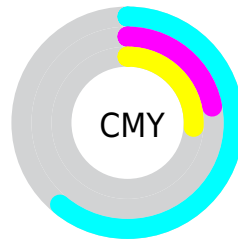
- Red (39%)
- Green (78%)
- Blue (74%)



- Red (39%)
- Yellow (60%)
- Blue (78%)



- Cyan (50%)
- Magenta (0%)
- Yellow (5%)
- Black (22%)



- Cyan (61%)
- Magenta (22%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 68.6831, -29.8725, 0.2393 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 68.6831, -29.8725, 0.2393 by changing the saturation by 10% instead.

■ 68.6831, -29.8725,
0.2393

■ 68.6831, -29.8725,
0.2393

193.7820,
-48.9454, 5.6671

■ 57.5973, -27.5310,
-0.1743

■ 92.7230, -34.3552,
1.1984

■ 47.1806, -25.0958,
-0.5410

■ 105.6141,
-36.5218, 1.7364

■ 37.4809, -22.5377,
-0.8550

■ 119.0527,
-38.6515, 2.3106

■ 28.5555, -19.8123,
-1.1099

■ 133.0174,
-40.7511, 2.9191

■ 20.4787, -16.8487,
-1.2969

147.4890,
-42.8261, 3.5604

■ 13.3511, -13.5861,
-1.4035

162.4505,

■ 6.9011, -12.0769,

-44.8811, 4.2330

-2.0219

177.8862,
-46.9199, 4.9356

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 68.6831, -29.8725,
0.2393

■ 68.6831, -29.8725,
0.2393

■ 67.8996, -33.0486,
0.2030

■ 69.6598, -26.0125,
0.5199

■ 67.2965, -35.5455,
0.3972

■ 70.8309, -21.4801,
1.0466

■ 66.8624, -37.3925,
0.8051

■ 72.1999, -16.3045,
1.8190

■ 66.5799, -38.6447,
1.4011

■ 73.7664, -10.5270,
2.8310

■ 66.4132, -39.4325,


■ 75.5278, -4.1972,


2.1127

4.0723

 77.4797, 2.6298,
5.5295

 79.6162, 9.8971,
7.1875

 81.5553, 16.3413,
8.5852

 81.6145, 16.6508,
7.7371

Harmonies

Analogous

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



68.6844, -28.1576, 13.5015



68.6831, -29.8725, 0.2393



68.6844, -25.0603, -14.8790

Triad

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



68.6844, -29.8730, 0.2402



68.6844, 14.5390, -21.7473



68.6844, 7.8137, 24.4332

Complementary

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



68.6831, -29.8725, 0.2393



47.0865, 34.2712, 11.3945

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.



68.6844, 20.7111, 18.2683



68.6831, -29.8725, 0.2393



68.6844, 24.8194, -7.7079

Square

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



68.6844, -29.8730, 0.2402



68.6844, -0.0467, -29.2161



68.6844, 27.1693, 7.0623



68.6844, -7.2168, 25.6746

Rectangle

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



68.6831, -29.8725, 0.2393



68.6844, -18.5338, -23.3713



68.6844, 27.1693, 7.0623



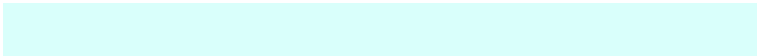
68.6844, 12.5795, 22.9433

Sweetspot

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



68.6844, -29.8730, 0.2402



96.5450, -17.8246, 3.0416



67.1622, -39.9521, 30.2638



44.4637, -8.9954, 1.2778

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



68.6844, -29.8730, 0.2402



89.7876, -43.9645, 0.2759



56.7021, -10.6348, -21.7477



34.7111, -4.6956, 1.3759



53.2618, -31.5781, 1.5953



11.6132, -6.7308, 0.0145

Inverse Universe

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



47.0865, 34.2712, 11.3945



56.6165, 56.1020, 18.1466



55.7054, 14.0276, 22.0058



32.6403, 1.2647, 2.3613



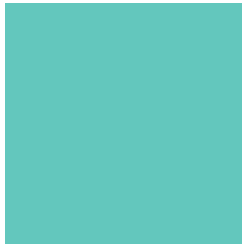
28.0108, 48.1064, 17.0377



6.1442, 10.6496, 2.9830

Previews

White Background



This preview shows how the HunterLab color 68.6831, -29.8725, 0.2393 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 68.6831, -29.8725, 0.2393 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

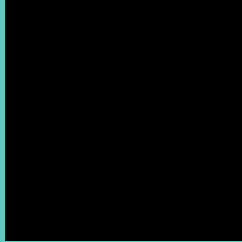
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

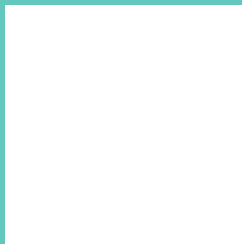
Any Text WCAG AAA ✓ Pass

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

HunterLab 68.6831, -29.8725, 0.2393 Background



This preview shows how black text looks on a background with the HunterLab color 68.6831, -29.8725, 0.2393.



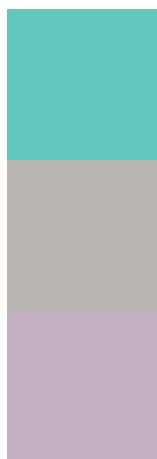
This preview shows how white text looks on a background with the HunterLab color 68.6831, -29.8725, 0.2393.

-29.8725, 0.2393.

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

68.6831, -29.8725, 0.2393

Protanopia

68.2469, -2.8660, 5.4116

Deuteranopia

68.1286, 5.2561, -2.3449



Tritanopia

68.7366, -23.0579, -11.2069

Trichromacy



Original Color

68.6831, -29.8725, 0.2393

Protanomaly

67.9808, -14.5849, 3.0359

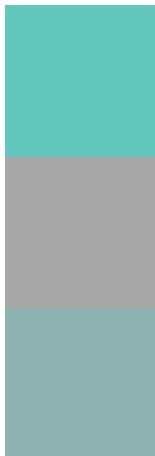
Deuteranomaly

67.4223, -9.5663, -2.4762

Tritanomaly

68.6497, -25.6493, -6.9441

Monochromacy



Original Color

68.6831, -29.8725, 0.2393

Achromatopsia

62.5758, -3.3389, 3.3999

Achromatomaly

64.1985, -14.2415, 1.3756

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 68.6831, -29.8725, 0.2393 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(99, 199, 189)` looks like.

```
.text, #text, p{  
    color:rgb(99, 199, 189)  
}
```

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(99, 199, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 199, 189) }
```

Border

The CSS property to change the border of an element to HunterLab 68.6831, -29.8725, 0.2393 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(99, 199, 189) }
```


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

```
.border{ border-color:rgb(99, 199, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 199, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 199, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 199, 189);  
box-shadow:4px 4px 4px 4px rgb(99, 199,  
189) }
```

Background

The CSS property to change the background color of an element to HunterLab 68.6831, -29.8725, 0.2393 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 199, 189) }
```

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

```
.background{ background-color: rgb(99, 199,  
189) }
```

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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