

Converting Colors

HunterLab(63.4585, -29.2223,
1.5626)

Have a look what the booklet for
HunterLab(63.4585, -29.2223,
1.5626) contains.

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Color

**HunterLab(63.3728,
-29.1285, 1.5520)**

Conversions

Conversions Part 1

Format	Color
Hex	57BAAD
RGB	87, 186, 173
RGB Percent	34%, 73%, 68%
CMY	0.6588, 0.2706, 0.3216
CMYK	0.53, 0.00, 0.07, 0.27
HSL	172°, 42%, 54%
HSV	172°, 53%, 73%
XYZ	29.0322, 40.1611, 45.7569
YIQ	154.9170, -54.8310, -25.0310

Conversions

Conversions Part 2

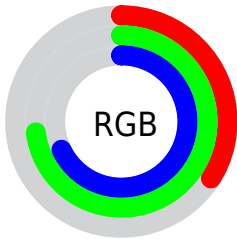
Format	Color
RYB	87, 140, 186
Decimal	5749421
CIELab	69.59, -32.17, -2.25
CIElCh	70, 32.244, 183.994
Yxy	40.1627, 0.2526, 0.3494
Android (android.graphics.Color)	4283939501 (0xFF57BAAD)
YUV	154.9170, 8.9149, -59.5632
Hunter-Lab	63.3728, -29.1285, 1.5520

Details

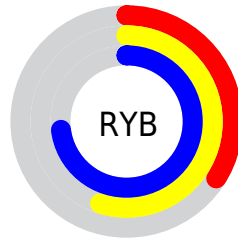
The HunterLab color **63.3728, -29.1285, 1.5520** is a dark color, and the websafe version is hex **66CCCC**. A complement of this color would be **42.6341, 34.0770, 10.0989**, and the grayscale version is **57.2003, -3.0521, 3.1078**.

A 20% lighter version of the original color is **86.9666, -34.0576, 2.9521**, and **42.4290, -24.0456, 0.4459** is the 20% darker color. If you saturate the color by 10%, you get **62.6786, -31.9969, 1.8253**, and if you desaturate by 10%, it is **64.2430, -25.6301, 1.4956**.

Distribution



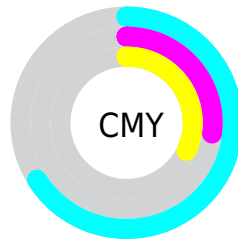
- Red (34%)
- Green (73%)
- Blue (68%)



- Red (34%)
- Yellow (55%)
- Blue (73%)



- Cyan (53%)
- Magenta (0%)
- Yellow (7%)
- Black (27%)



- Cyan (66%)
- Magenta (27%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 63.3728, -29.1285, 1.5520 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 63.3728, -29.1285, 1.5520 by changing the saturation by 10% instead.

■ 63.3728, -29.1285,
1.5520

■ 63.3728, -29.1285,
1.5520

186.2280,
-48.5434, 7.4411

■ 52.5979, -26.7167,
1.0769

■ 86.8396, -33.7213,
2.6262

■ 42.5130, -24.1961,
0.6460

■ 99.4642, -35.9326,
3.2184

■ 33.1705, -21.5309,
0.2644

■ 112.6473,
-38.1017, 3.8451

■ 24.6348, -18.6651,
-0.0618

■ 126.3664,
-40.2366, 4.5044

■ 16.9910, -15.5057,
-0.3244

140.6012,
-42.3436, 5.1948

■ 10.3585, -14.2784,
-0.5105

155.3337,

0.0000, NaN, -NF

-44.4278, 5.9152

0.0000, NaN, NaN

170.5475,
-46.4932, 6.6643

0.0000, NaN, NaN

■ 63.3728, -29.1285,
1.5520

■ 63.3728, -29.1285,
1.5520

■ 62.6786, -31.9969,
1.8253

■ 64.2430, -25.6301,
1.4956

■ 62.1479, -34.2433,
2.2996

■ 65.2911, -21.5092,
1.6613

■ 61.7695, -35.8994,
2.9562

■ 66.5207, -16.7901,
2.0522

■ 61.5258, -37.0219,
3.7684

■ 67.9321, -11.5091,
2.6658

■ 61.4106, -37.5825,
4.3719

■ 69.5233, -5.7108,
3.4953

■ 71.2905, 0.5548,
4.5309

■ 73.2287, 7.2355,
5.7605

■ 75.3317, 14.2789,
7.1703

■ 77.5927, 21.6351,
8.7458

Harmonies

Analogous

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



63.3740, -26.7855, 14.1184



63.3728, -29.1285, 1.5520



63.3740, -25.1070, -13.4523

Triad

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



63.3740, -29.1290, 1.5528



63.3740, 13.1614, -23.0583



63.3740, 9.4567, 23.1300

Complementary

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



63.3728, -29.1285, 1.5520



42.6341, 34.0770, 10.0989

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.



63.3740, 21.7252, 16.6875



63.3728, -29.1285, 1.5520



63.3740, 23.9969, -9.4725

Square

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



63.3740, -29.1290, 1.5528



63.3740, -1.4090, -29.5610



63.3740, 27.2639, 5.2895



63.3740, -5.3369, 24.7960

Rectangle

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



63.3728, -29.1285, 1.5520



63.3740, -19.1219, -22.3078



63.3740, 27.2639, 5.2895



63.3740, 14.0554, 21.5365

Sweetspot

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



63.3740, -29.1290, 1.5528



90.8528, -17.7328, 3.3065



62.0711, -38.0019, 28.9691



42.4482, -9.0180, 1.4688



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.



63.3740, -29.1290, 1.5528



84.2363, -43.6937, 2.5549



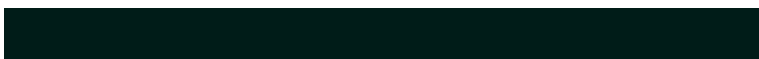
52.2397, -10.5980, -20.7215



31.9215, -4.3362, 1.3805



50.3774, -30.7782, 3.4739



9.4887, -5.5977, 0.2237

Inverse Universe

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



42.6341, 34.0770, 10.0989



51.8127, 56.8231, 16.8232



50.3676, 14.9554, 20.6831



30.0515, 1.1732, 2.0606



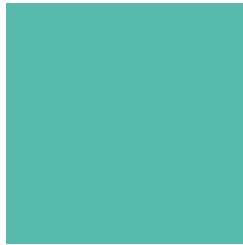
26.5992, 45.7475, 15.6710



5.0562, 8.8186, 2.0296

Previews

White Background



This preview shows how the HunterLab color 63.3728, -29.1285, 1.5520 looks on a white background.

Color Contrast Check

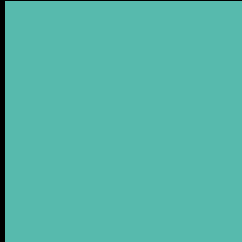
Large Text (above 18pt) WCAG AA × Fail

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 63.3728, -29.1285, 1.5520 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 63.3728, -29.1285, 1.5520 Background



This preview shows how black text looks on a background with the HunterLab color 63.3728, -29.1285, 1.5520.



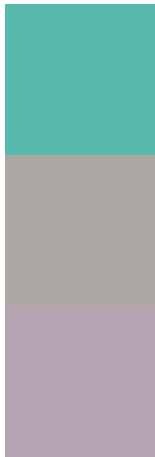
This preview shows how white text looks on a background with the HunterLab color 63.3728,

-29.1285, 1.5520.

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

63.3728, -29.1285, 1.5520

Protanopia

62.8759, -2.5880, 6.0244

Deuteranopia

62.9198, 4.4104, -0.8415



Tritanopia

63.1823, -21.5050, -11.0130

Trichromacy



Original Color

63.3728, -29.1285, 1.5520

Protanomaly

62.6105, -14.1743, 3.7118

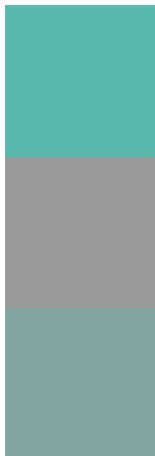
Deuteranomaly

62.3239, -9.9081, -0.8446

Tritanomaly

63.0659, -24.2536, -6.2920

Monochromacy



Original Color

63.3728, -29.1285, 1.5520

Achromatopsia

57.2519, -3.0548, 3.1106

Achromatomaly

58.8446, -13.9058, 1.5752

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 63.3728, -29.1285, 1.5520 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(87, 186, 173)` looks like.

```
.text, #text, p{  
    color:rgb(87, 186, 173)  
}
```

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(87, 186, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 186, 173) }
```

Border

The CSS property to change the border of an element to HunterLab 63.3728, -29.1285, 1.5520 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(87, 186, 173) }
```


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

```
.border{ border-color:rgb(87, 186, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 186, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 186, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 186, 173);  
box-shadow:4px 4px 4px 4px rgb(87, 186,  
173) }
```

Background

The CSS property to change the background color of an element to HunterLab 63.3728, -29.1285, 1.5520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 186, 173) }
```

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

```
.background{ background-color: rgb(87, 186,  
173) }
```

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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