

Converting Colors

HunterLab(49.6365, -28.9088,
3.5643)

Have a look what the booklet for
HunterLab(49.6365, -28.9088,
3.5643) contains.

HunterLab(49.7667, -29.0226, 3.7213)	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(49.7667,
-29.0226, 3.7213)**

Conversions

Conversions Part 1

Format	Color
Hex	1F9985
RGB	31, 153, 133
RGB Percent	12%, 60%, 52%
CMY	0.8784, 0.4000, 0.4784
CMYK	0.80, 0.00, 0.13, 0.40
HSL	170°, 66%, 36%
HSV	170°, 80%, 60%
XYZ	16.1900, 24.7672, 26.1176
YIQ	114.2420, -66.2920, -32.0840

Conversions

Conversions Part 2

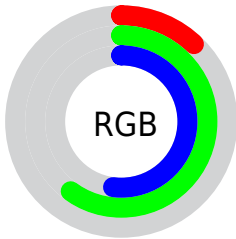
Format	Color
RYB	31, 97, 153
Decimal	2070917
CIELab	56.85, -36.83, 1.33
CIElCh	57, 36.858, 177.926
Yxy	24.7682, 0.2414, 0.3693
Android (android.graphics.Color)	4280260997 (0xFF1F9985)
YUV	114.2420, 9.2477, -73.0032
Hunter-Lab	49.7667, -29.0226, 3.7213

Details

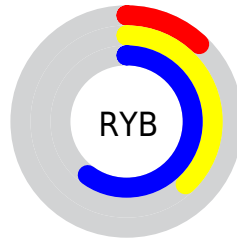
The HunterLab color **49.7667, -29.0226, 3.7213** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **28.2702, 40.3467, 11.5555**, and the grayscale version is **41.0991, -2.1929, 2.2330**.

A 20% lighter version of the original color is **71.5916, -34.3897, 5.0403**, and **31.5396, -19.7999, 3.3206** is the 20% darker color. If you saturate the color by 10%, you get **49.5135, -30.1830, 4.4843**, and if you desaturate by 10%, it is **50.1348, -27.4175, 3.0823**.

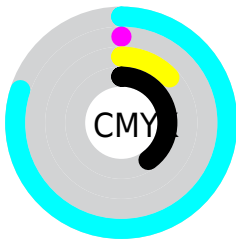
Distribution



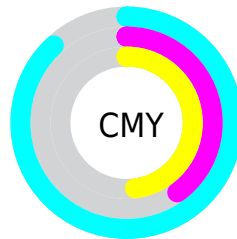
- Red (12%)
- Green (60%)
- Blue (52%)



- Red (12%)
- Yellow (38%)
- Blue (60%)



- Cyan (80%)
- Magenta (0%)
- Yellow (13%)
- Black (40%)



- Cyan (88%)
- Magenta (40%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.7667, -29.0226, 3.7213 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 49.7667, -29.0226, 3.7213 by changing the saturation by 10% instead.

■ 49.7667, -29.0226,
3.7213

■ 49.7667, -29.0226,
3.7213

166.3375,
-51.0203, 10.5775

■ 39.8804, -26.1468,
3.1100

■ 71.6107, -34.3779,
5.0441

■ 30.7515, -23.0793,
2.5331

■ 83.4857, -36.9129,
5.7516

■ 22.4503, -19.7451,
1.9931

■ 95.9531, -39.3778,
6.4884

■ 15.0693, -16.0173,
1.4916

■ 108.9858,
-41.7857, 7.2534

■ 8.7075, -15.2382,
1.1090

■ 122.5603,
-44.1466, 8.0457

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 136.6558,

-46.4685, 8.8643

0.0000, NaN, NaN

151.2538,
-48.7580, 9.7085

0.0000, NaN, NaN

■ 49.7667, -29.0226,
3.7213

■ 49.7667, -29.0226,
3.7213

■ 49.5135, -30.1830,
4.4843

■ 50.1348, -27.4175,
3.0823

■ 49.3396, -31.0214,
5.3257

■ 50.6264, -25.3338,
2.5846

■ 49.3352, -31.0429,
5.3481

■ 51.2506, -22.7567,
2.2430

■ 52.0131, -19.6863,
2.0673

■ 52.9168, -16.1358,
2.0633

■ 53.9629, -12.1291,
2.2328

■ 55.1507, -7.6977,
2.5739

■ 56.4781, -2.8786,
3.0822

■ 57.9416, 2.2881,
3.7504

Harmonies

Analogous

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



49.7677, -25.4302, 15.5097



49.7667, -29.0226, 3.7213



49.7677, -26.2988, -12.4414

Triad

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



49.7677, -29.0229, 3.7219



49.7677, 12.0464, -29.3219



49.7677, 14.1355, 21.2105

Complementary

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



49.7667, -29.0226, 3.7213



28.2702, 40.3467, 11.5555

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.



49.7677, 26.4319, 14.2184



49.7667, -29.0226, 3.7213



49.7677, 25.1260, -14.7727

Square

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



49.7677, -29.0229, 3.7219



49.7677, -3.7297, -34.6569



49.7677, 30.6778, 1.6744



49.7677, -1.5774, 23.4960

Rectangle

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



49.7667, -29.0226, 3.7213



49.7677, -21.0563, -23.1914



49.7677, 30.6778, 1.6744



49.7677, 18.8743, 19.4629

Sweetspot

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



49.7677, -29.0229, 3.7219



71.5267, -18.8468, 2.8516



48.5746, -37.1546, 27.6981



33.3994, -9.6680, 1.3100



87.6224, -4.6753, 4.7607



35.4919, -1.8938, 1.9283

Same Dimension

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



49.7677, -29.0229, 3.7219



66.0789, -41.2705, 6.9328



37.7550, -8.6431, -24.2153



26.4748, -3.5778, 1.2447



44.8550, -28.1930, 4.7959



5.5216, -3.2231, 0.0562

Inverse Universe

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



28.2702, 40.3467, 11.5555



35.2837, 59.5864, 19.5211



33.8586, 23.4167, 19.0025



24.9768, 0.9434, 1.6114



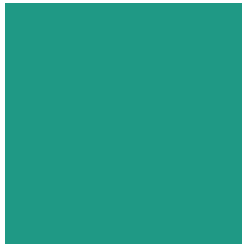
23.7887, 40.9989, 13.3567



2.9708, 5.2419, 0.7244

Previews

White Background



This preview shows how the HunterLab color 49.7667, -29.0226, 3.7213 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 49.7667, -29.0226, 3.7213 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

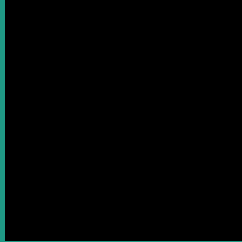
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

HunterLab 49.7667, -29.0226, 3.7213 Background



This preview shows how black text looks on a background with the HunterLab color 49.7667, -29.0226, 3.7213.



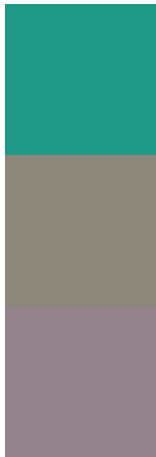
This preview shows how white text looks on a background with the HunterLab color 49.7667, -29.0226, 3.7213.

-29.0226, 3.7213.

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

49.7667, -29.0226, 3.7213

Protanopia

49.4173, -2.5944, 7.9227

Deuteranopia

49.2652, 3.4118, 1.4792



Tritanopia

49.7456, -20.6868, -9.8967

Trichromacy



Original Color

49.7667, -29.0226, 3.7213

Protanomaly

48.6261, -15.8243, 5.2042

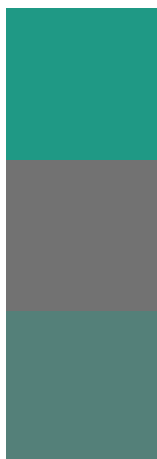
Deuteranomaly

48.2142, -12.1730, 0.8529

Tritanomaly

49.5587, -23.7378, -4.9049

Monochromacy



Original Color

49.7667, -29.0226, 3.7213

Achromatopsia

41.0207, -2.1888, 2.2287

Achromatomaly

43.2477, -14.4887, 1.5962

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.7667, -29.0226, 3.7213 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(31, 153, 133)` looks like.

```
.text, #text, p{  
    color:rgb(31, 153, 133)  
}
```

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(31, 153, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(31, 153, 133) }
```

Border

The CSS property to change the border of an element to HunterLab 49.7667, -29.0226, 3.7213 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(31, 153, 133) }
```


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

```
.border{ border-color:rgb(31, 153, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(31, 153, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(31, 153, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(31, 153, 133);  
box-shadow:4px 4px 4px 4px rgb(31, 153,  
133) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.7667, -29.0226, 3.7213 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(31, 153, 133) }
```

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

```
.background{ background-color: rgb(31, 153,  
133) }
```

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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