

Converting Colors

HunterLab(61.7377, -27.0137,
-13.1594)

Have a look what the booklet for
HunterLab(61.7377, -27.0137,
-13.1594) contains.

HunterLab(61.7377, -27.0137, -13.1594)	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(61.7377,
-27.0137, -13.1594)**

Conversions

Conversions Part 1

Format	Color
Hex	30B6C5
RGB	48, 182, 197
RGB Percent	19%, 71%, 77%
CMY	0.8117, 0.2863, 0.2274
CMYK	0.76, 0.08, 0.00, 0.23
HSL	186°, 61%, 48%
HSV	186°, 76%, 77%
XYZ	28.0249, 38.1154, 58.7032
YIQ	143.6440, -84.6790, -23.7430

Conversions

Conversions Part 2

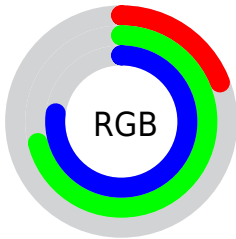
Format	Color
RYB	48, 119, 197
Decimal	3192517
CIELab	68.11, -29.73, -17.77
CIELCh	68, 34.637, 210.862
Yxy	38.1168, 0.2245, 0.3053
Android (android.graphics.Color)	4281382597 (0xFF30B6C5)
YUV	143.6440, 26.3045, -83.8798
Hunter-Lab	61.7377, -27.0137, -13.1594

Details

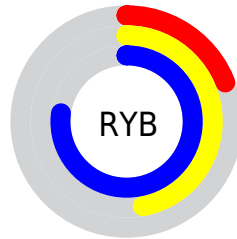
The HunterLab color **61.7377, -27.0137, -13.1594** is a dark color, and the websafe version is hex **66CCCC**. The color can be described as middle muted azure. A complement of this color would be **39.5474, 45.1567, 20.9655**, and the grayscale version is **52.5919, -2.8062, 2.8574**.

A 20% lighter version of the original color is **84.9449, -31.1136, -13.6490**, and **42.0520, -19.2235, -11.0634** is the 20% darker color. If you saturate the color by 10%, you get **60.7724, -27.3686, -14.5669**, and if you desaturate by 10%, it is **62.8688, -26.0371, -11.5333**.

Distribution



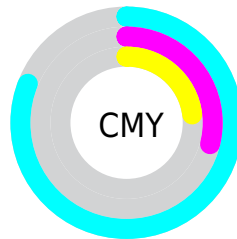
- Red (19%)
- Green (71%)
- Blue (77%)



- Red (19%)
- Yellow (47%)
- Blue (77%)



- Cyan (76%)
- Magenta (8%)
- Yellow (0%)
- Black (23%)



- Cyan (81%)
- Magenta (29%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 61.7377, -27.0137, -13.1594 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 61.7377, -27.0137, -13.1594 by changing the saturation by 10% instead.

61.7377, -27.0137,
-13.1594

61.7377, -27.0137,
-13.1594

183.8806,
-45.4518, -12.3421

51.0621, -24.7369,
-12.9737

85.0219, -31.3563,
-13.3385

41.0835, -22.3603,
-12.7207

97.5617, -33.4513,
-13.3417

31.8558, -19.8490,
-12.3970

110.6638,
-35.5092, -13.2916

23.4460, -17.1488,
-12.0052

124.3050,
-37.5372, -13.1916

15.9430, -14.1678,
-11.5646

138.4647,
-39.5412, -13.0442

9.4737, -14.1827,
-11.1587

153.1246,

0.0000, NaN, -NF

-41.5258, -12.8521

0.0000, NaN, NaN

168.2683,
-43.4950, -12.6174

0.0000, NaN, NaN

■ 61.7377, -27.0137,
-13.1594

■ 61.7377, -27.0137,
-13.1594

■ 60.7724, -27.3686,
-14.5669

■ 62.8688, -26.0371,
-11.5333

■ 59.9517, -27.1650,
-15.7746

■ 64.1732, -24.4082,
-9.6884

■ 59.6175, -26.9821,
-16.2700

■ 65.6581, -22.1207,
-7.6296

■ 67.3258, -19.1873,
-5.3691

■ 69.1756, -15.6354,
-2.9231

■ 71.2045, -11.5026,
-0.3105

■ 73.4079, -6.8334,
2.4491

■ 75.7795, -1.6757,
5.3361

■ 78.3125, 3.9217,
8.3317

Harmonies

Analogous

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



61.7388, -30.5408, 2.9294



61.7377, -27.0137, -13.1594



61.7388, -17.2467, -27.1518

Triad

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



61.7388, -27.0137, -13.1585



61.7388, 25.1756, -12.2259



61.7388, -3.7486, 25.6403

Complementary

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



61.7377, -27.0137, -13.1594



39.5474, 45.1567, 20.9655

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.



61.7388, 12.0118, 23.4640



61.7377, -27.0137, -13.1594



61.7388, 29.6815, 3.7888

Square

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



61.7388, -27.0137, -13.1585



61.7388, 12.8707, -26.5260



61.7388, 24.6460, 16.2895



61.7388, -17.9561, 23.1937

Rectangle

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



61.7377, -27.0137, -13.1594



61.7388, -7.9936, -32.0097



61.7388, 24.6460, 16.2895



61.7388, 1.5432, 25.4313

Sweetspot

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



61.7388, -27.0137, -13.1585



93.1737, -19.7320, -3.1348



63.9683, -50.3299, 34.1894



42.6640, -10.0089, -2.0271

0.0000, NaN, NaN



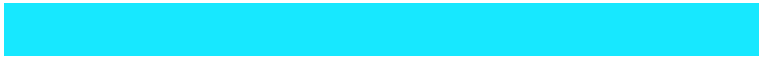
46.2646, -2.4686, 2.5136

Same Dimension

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



61.7388, -27.0137, -13.1585



80.5682, -36.5160, -20.6152



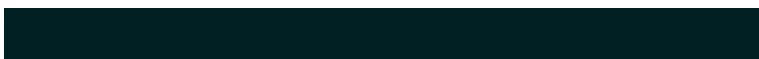
39.1181, 7.3765, -55.8299



34.4645, -4.1078, 0.6630



48.4229, -21.9742, -13.0884



10.7903, -5.0988, -2.4800

Inverse Universe

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



41.6686, 66.4207, -36.1347



52.6085, 98.1452, -51.6028



54.8549, 9.9661, 30.9522



32.8596, 2.4419, -0.7601



31.4755, 60.5725, -31.3641



6.8888, 13.3194, -7.3483

Previews

White Background



This preview shows how the HunterLab color 61.7377, -27.0137, -13.1594 looks on a white background.

Color Contrast Check

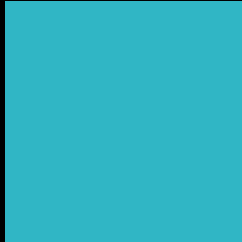
Large Text (above 18pt) WCAG AA × Fail

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 61.7377, -27.0137, -13.1594 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

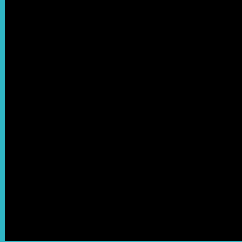
Any Text WCAG AA ✓ Pass

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 61.7377, -27.0137, -13.1594 Background



This preview shows how black text looks on a background with the HunterLab color 61.7377, -27.0137, -13.1594.



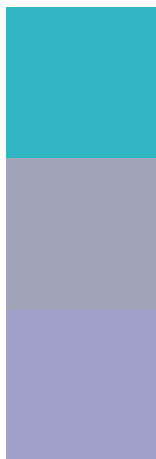
This preview shows how white text looks on a background with the HunterLab color 61.7377,

-27.0137, -13.1594.

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

61.7377, -27.0137, -13.1594

Protanopia

61.4289, -0.1815, -6.4518

Deuteranopia

61.1845, 4.6809, -16.3635



Tritanopia

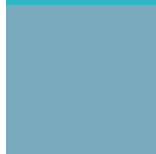
61.7377, -27.0137, -13.1594

Trichromacy



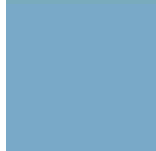
Original Color

61.7377, -27.0137, -13.1594



Protanomaly

60.7165, -13.2550, -9.8319



Deuteranomaly

60.5070, -10.0146, -16.4357



Tritanomaly

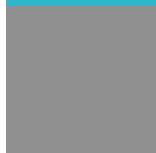
61.7377, -27.0137, -13.1594

Monochromacy



Original Color

61.7377, -27.0137, -13.1594



Achromatopsia

52.8104, -2.8178, 2.8693



Achromatomaly

55.0902, -14.9364, -3.6071

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 61.7377, -27.0137, -13.1594 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(48, 182, 197)` looks like.

```
.text, #text, p{  
    color:rgb(48, 182, 197)  
}
```

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(48, 182, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(48, 182, 197) }
```

Border

The CSS property to change the border of an element to HunterLab 61.7377, -27.0137, -13.1594 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(48, 182, 197) }
```


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

```
.border{ border-color:rgb(48, 182, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(48, 182, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(48, 182, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(48, 182, 197);  
box-shadow:4px 4px 4px 4px rgb(48, 182,  
197) }
```

Background

The CSS property to change the background color of an element to HunterLab 61.7377, -27.0137, -13.1594 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(48, 182, 197) }
```

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

```
.background{ background-color: rgb(48, 182,  
197) }
```

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