

Converting Colors

HunterLab(51.6650, -22.0627,
-13.1974)

Have a look what the booklet for
HunterLab(51.6650, -22.0627,
-13.1974) contains.

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Color

**HunterLab(51.7314,
-22.1150, -13.2430)**

Conversions

Conversions Part 1

Format	Color
Hex	229BAC
RGB	34, 155, 172
RGB Percent	13%, 61%, 67%
CMY	0.8666, 0.3921, 0.3255
CMYK	0.80, 0.10, 0.00, 0.33
HSL	187°, 67%, 40%
HSV	187°, 80%, 67%
XYZ	19.8275, 26.7614, 43.1502
YIQ	120.7590, -77.5730, -20.3650

Conversions

Conversions Part 2

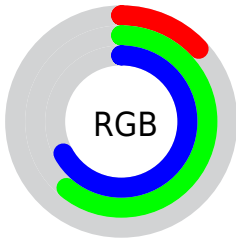
Format	Color
R_{YB}	34, 98, 172
Decimal	2268076
CIE _{Lab}	58.75, -25.67, -18.02
CIE _{LCh}	59, 31.366, 215.066
Yxy	26.7624, 0.2209, 0.2982
Android (android.graphics.Color)	4280458156 (0xFF229BAC)
YUV	120.7590, 25.2618, -76.0876
Hunter-Lab	51.7314, -22.1150, -13.2430

Details

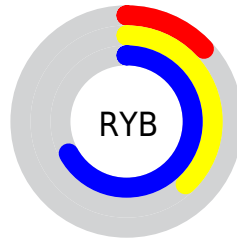
The HunterLab color **51.7314, -22.1150, -13.2430** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **33.5484, 39.6521, 18.6903**, and the grayscale version is **43.5615, -2.3243, 2.3668**.

A 20% lighter version of the original color is **73.8798, -26.3146, -13.2578**, and **33.2514, -13.9538, -11.4390** is the 20% darker color. If you saturate the color by 10%, you get **50.8334, -22.0774, -14.5864**, and if you desaturate by 10%, it is **52.7664, -21.6401, -11.7201**.

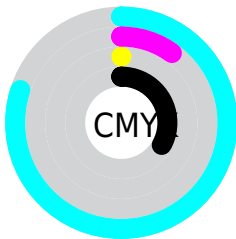
Distribution



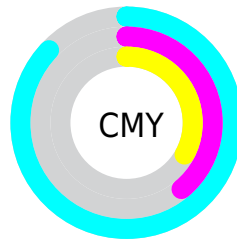
- Red (13%)
- Green (61%)
- Blue (67%)



- Red (13%)
- Yellow (38%)
- Blue (67%)



- Cyan (80%)
- Magenta (10%)
- Yellow (0%)
- Black (33%)



- Cyan (87%)
- Magenta (39%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 51.7314, -22.1150, -13.2430 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 51.7314, -22.1150, -13.2430 by changing the saturation by 10% instead.

■ 51.7314, -22.1150,
-13.2430

■ 51.7314, -22.1150,
-13.2430

169.2645,
-39.0731, -12.9299

■ 41.7071, -20.0122,
-12.9851

■ 73.8257, -26.1088,
-13.5563

■ 32.4290, -17.8044,
-12.6577

■ 85.8158, -28.0326,
-13.6210

■ 23.9638, -15.4479,
-12.2628

■ 98.3928, -29.9222,
-13.6291

■ 16.3989, -12.8688,
-11.8192

■ 111.5304,
-31.7853, -13.5840

■ 9.8577, -11.9203,
-11.4070

■ 125.2057,
-33.6276, -13.4890

0.0000, NaN, -NF

0.0000, NaN, NaN

139.3983,

-35.4540, -13.3467

0.0000, NaN, NaN

154.0901,
-37.2681, -13.1596

0.0000, NaN, NaN

■ 51.7314, -22.1150,
-13.2430

■ 51.7314, -22.1150,
-13.2430

■ 50.8334, -22.0774,
-14.5864

■ 52.7664, -21.6401,
-11.7201

■ 50.0515, -21.6738,
-15.7724

■ 53.9457, -20.6210,
-10.0169

■ 55.2757, -19.0482,
-8.1376

■ 56.7587, -16.9292,
-6.0929

■ 58.3940, -14.2846,
-3.8971

■ 60.1791, -11.1441,
-1.5666

■ 62.1100, -7.5437,
0.8817

■ 64.1816, -3.5225,
3.4311

■ 66.3878, 0.8794,
6.0659

Harmonies

Analogous

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



51.7323, -25.8987, 0.6162



51.7314, -22.1150, -13.2430



51.7323, -13.1312, -24.5320

Triad

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



51.7323, -22.1150, -13.2422



51.7323, 22.5913, -8.5536



51.7323, -5.0071, 21.6914

Complementary

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



51.7314, -22.1150, -13.2430



33.5484, 39.6521, 18.6903

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.



51.7323, 8.4919, 20.4055



51.7314, -22.1150, -13.2430



51.7323, 25.3238, 4.9231

Square

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



51.7323, -22.1150, -13.2422



51.7323, 12.8016, -21.3799



51.7323, 19.9318, 14.9569



51.7323, -16.6807, 19.0614

Rectangle

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



51.7314, -22.1150, -13.2430



51.7323, -4.9491, -27.8420



51.7323, 19.9318, 14.9569



51.7323, -0.5402, 21.6942

Sweetspot

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



51.7323, -22.1150, -13.2422



80.0198, -16.8667, -3.4504



54.8425, -43.9275, 29.7488



36.9198, -8.5337, -2.1109



93.2148, -4.9737, 5.0645



40.3295, -2.1519, 2.1912

Same Dimension

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



51.7323, -22.1150, -13.2422



67.6658, -29.2947, -20.8587



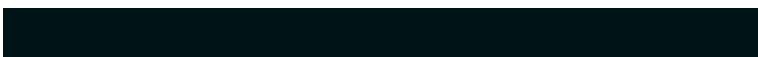
31.8125, 8.8957, -52.9836



29.8348, -3.4446, 0.5323



43.2393, -18.7771, -13.5109



7.5254, -3.5279, -1.7905

Inverse Universe

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



35.0459, 58.3752, -29.8474



44.9188, 84.8724, -41.2445



47.0160, 8.5049, 27.2103



28.5146, 2.0192, -0.5391



28.6190, 54.8238, -26.5680



4.8220, 9.3143, -5.0739

Previews

White Background



This preview shows how the HunterLab color 51.7314, -22.1150, -13.2430 looks on a white background.

Color Contrast Check

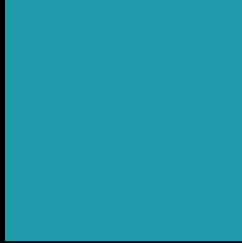
Large Text (above 18pt) WCAG AA ✓ Pass

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 51.7314, -22.1150, -13.2430 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

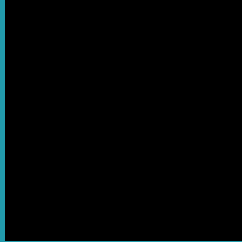
Any Text WCAG AA ✓ Pass

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 51.7314, -22.1150, -13.2430 Background



This preview shows how black text looks on a background with the HunterLab color 51.7314, -22.1150, -13.2430.



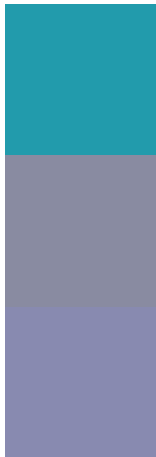
This preview shows how white text looks on a background with the HunterLab color 51.7314,

-22.1150, -13.2430.

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

51.7314, -22.1150, -13.2430

Protanopia

51.3389, 0.4943, -7.2969

Deuteranopia

51.5226, 3.6482, -15.4547



Tritanopia

51.8460, -23.6226, -10.8310

Trichromacy



Original Color

51.7314, -22.1150, -13.2430

Protanomaly

50.6722, -10.5708, -10.6124

Deuteranomaly

50.6896, -8.2183, -16.3480

Tritanomaly

51.8968, -23.3534, -11.3137

Monochromacy



Original Color

51.7314, -22.1150, -13.2430

Achromatopsia

43.7266, -2.3331, 2.3758

Achromatomaly

45.5986, -12.3062, -4.3784

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 51.7314, -22.1150, -13.2430 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(34, 155, 172)` looks like.

```
.text, #text, p{  
    color:rgb(34, 155, 172)  
}
```

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(34, 155, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(34, 155, 172) }
```

Border

The CSS property to change the border of an element to HunterLab 51.7314, -22.1150, -13.2430 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(34, 155, 172) }
```


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

```
.border{ border-color:rgb(34, 155, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(34, 155, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(34, 155, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(34, 155, 172);  
box-shadow:4px 4px 4px 4px rgb(34, 155,  
172) }
```

Background

The CSS property to change the background color of an element to HunterLab 51.7314, -22.1150, -13.2430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(34, 155, 172) }
```

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

```
.background{ background-color: rgb(34, 155,  
172) }
```

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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