

Converting Colors

HunterLab(72.0227, -12.1845,
2.6506)

Have a look what the booklet for
HunterLab(72.0227, -12.1845,
2.6506) contains.

HunterLab(72.0251, -12.1830, 2.6368)	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(72.0251,
-12.1830, 2.6368)**

Conversions

Conversions Part 1

Format	Color
Hex	AAC4C1
RGB	170, 196, 193
RGB Percent	67%, 77%, 76%
CMY	0.3333, 0.2314, 0.2431
CMYK	0.13, 0.00, 0.02, 0.23
HSL	173°, 18%, 72%
HSV	173°, 13%, 77%
XYZ	45.9431, 51.8762, 58.0438
YIQ	187.8840, -14.5330, -6.4450

Conversions

Conversions Part 2

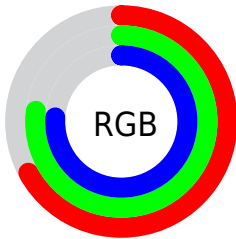
Format	Color
RYB	170, 184, 196
Decimal	11191489
CIELab	77.21, -9.35, -1.46
CIELCh	77, 9.467, 188.898
Yxy	51.8783, 0.2948, 0.3328
Android (android.graphics.Color)	4289381569 (0xFFAAC4C1)
YUV	187.8840, 2.5222, -15.6843
Hunter-Lab	72.0251, -12.1830, 2.6368

Details

The HunterLab color $72.0251, -12.1830, 2.6368$ is a light color, and the websafe version is hex `99CCCC`. A complement of this color would be $65.9573, 5.5037, 5.1982$, and the grayscale version is $70.8611, -3.7810, 3.8500$.

A 20% lighter version of the original color is $96.4871, -14.7938, 4.1241$, and $50.0909, -9.6970, 1.3286$ is the 20% darker color. If you saturate the color by 10%, you get $70.5365, -17.7414, 1.8493$, and if you desaturate by 10%, it is $73.7088, -6.0723, 3.6562$.

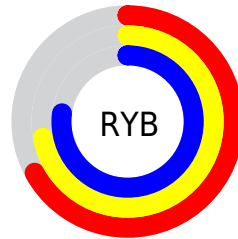
Distribution



Red (67%)

Green (77%)

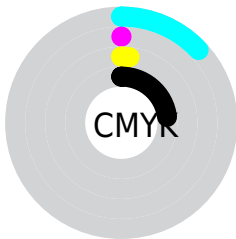
Blue (76%)



Red (67%)

Yellow (72%)

Blue (77%)

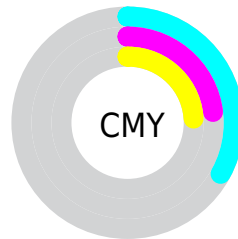


Cyan (13%)

Magenta (0%)

Yellow (2%)

Black (23%)



Cyan (33%)

Magenta (23%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 72.0251, -12.1830, 2.6368 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 72.0251, -12.1830, 2.6368 by changing the saturation by 10% instead.

■ 72.0251, -12.1830,
2.6368

■ 72.0251, -12.1830,
2.6368

198.4859,
-22.4254, 9.0138

■ 60.7520, -11.1000,
2.0936

■ 96.4115, -14.3759,
3.8366

■ 50.1362, -10.0195,
1.5894

109.4640,
-15.4870, 4.4869

■ 40.2227, -8.9379,
1.1286

123.0576,
-16.6100, 5.1691

■ 31.0655, -7.8480,
0.7152

137.1715,
-17.7457, 5.8817

■ 22.7331, -6.7380,
0.3549

151.7872,
-18.8947, 6.6235

■ 15.3171, -5.5866,
0.0555

166.8881,

■ 8.9329, -5.0395,

-20.0575, 7.3934

-0.1933

182.4589,
-21.2343, 8.1905

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 72.0251, -12.1830,
2.6368

■ 72.0251, -12.1830,
2.6368

■ 70.5365, -17.7414,
1.8493

■ 73.7088, -6.0723,
3.6562

■ 69.2405, -22.6964,
1.2986

■ 75.5792, 0.5416,
4.8930

■ 68.1384, -27.0115,
0.9894

■ 77.6323, 7.6016,
6.3343

■ 67.2272, -30.6618,
0.9203

■ 79.8617, 15.0519,
7.9648

■ 66.5010, -33.6393,

■ 80.6949, 17.8695,

1.0840

7.9158

■ 65.9501, -35.9553,
1.4669

■ 80.7628, 18.2227,
6.9446

■ 65.5610, -37.6446,
2.0485

■ 80.8317, 18.5805,
5.9610

■ 65.3145, -38.7697,
2.8008

■ 80.9014, 18.9427,
4.9650

■ 65.2022, -39.3127,
3.3679

■ 80.9721, 19.3094,
3.9567

Harmonies

Analogous

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



72.0266, -11.7303, 6.8168



72.0251, -12.1830, 2.6368



72.0266, -10.4474, -1.4327

Triad

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



72.0266, -12.1843, 2.6379



72.0266, 1.6580, -2.7725



72.0266, -0.7105, 11.1734

Complementary

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



72.0251, -12.1830, 2.6368



65.9573, 5.5037, 5.1982

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.



72.0266, 3.0000, 8.8922



72.0251, -12.1830, 2.6368



72.0266, 4.3906, 0.8989

Square

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



72.0266, -12.1843, 2.6379



72.0266, -2.5059, -4.6797



72.0266, 4.8877, 5.1801



72.0266, -5.1783, 11.5759

Rectangle

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



72.0251, -12.1830, 2.6368



72.0266, -8.2552, -3.4765



72.0266, 4.8877, 5.1801



72.0266, 0.6698, 10.6079

Sweetspot

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



72.0266, -12.1843, 2.6379



99.0156, -8.8536, 4.8008



71.6047, -15.0292, 12.3690



45.7257, -4.3964, 2.1686

0.0000, NaN, NaN



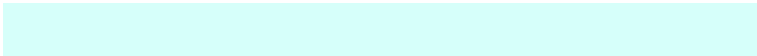
46.2646, -2.4686, 2.5136

Same Dimension

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



72.0266, -12.1843, 2.6379



96.3154, -18.7126, 3.2006



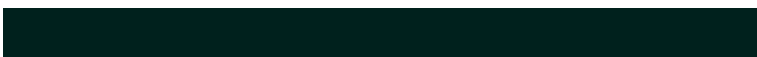
69.0400, -6.7784, -2.4281



33.7754, -4.5835, 1.3986



52.2719, -31.4647, 2.5879



10.8921, -6.3799, 0.1583

Inverse Universe

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



65.9573, 5.5037, 5.1982



86.3506, 10.3555, 7.4163



68.7523, -0.0129, 9.5678



31.7748, 1.2417, 2.2402



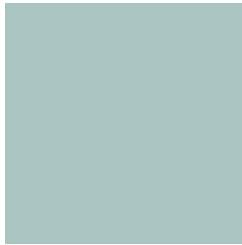
27.5432, 47.3337, 16.5172



5.7810, 10.0453, 2.6107

Previews

White Background



This preview shows how the HunterLab color 72.0251, -12.1830, 2.6368 looks on a white background.

Color Contrast Check

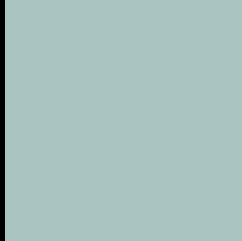
Large Text (above 18pt) WCAG AA × Fail

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 72.0251, -12.1830, 2.6368 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

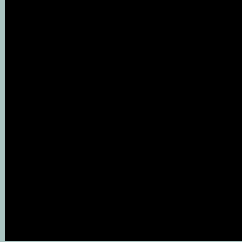
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

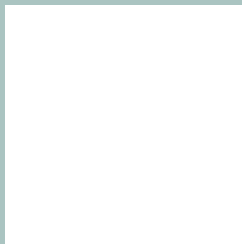
Any Text WCAG AAA ✓ Pass

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

HunterLab 72.0251, -12.1830, 2.6368 Background



This preview shows how black text looks on a background with the HunterLab color 72.0251, -12.1830, 2.6368.



This preview shows how white text looks on a background with the HunterLab color 72.0251, -12.1830, 2.6368.

-12.1830, 2.6368.

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

72.0251, -12.1830, 2.6368

Protanopia

71.7904, -2.2304, 4.4368

Deuteranopia

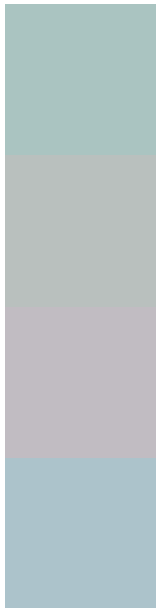
71.6540, 5.2519, 1.5238



Tritanopia

72.1604, -7.4612, -5.2284

Trichromacy



Original Color

72.0251, -12.1830, 2.6368

Protanomaly

71.9245, -6.3668, 4.0503

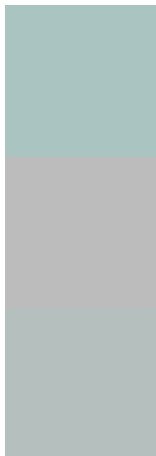
Deuteranomaly

71.5534, -1.2022, 1.7784

Tritanomaly

72.1891, -9.3541, -2.0854

Monochromacy



Original Color

72.0251, -12.1830, 2.6368

Achromatopsia

70.9145, -3.7838, 3.8529

Achromatomaly

71.2763, -7.0768, 3.2733

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 72.0251, -12.1830, 2.6368 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(170, 196, 193)` looks like.

```
.text, #text, p{  
    color:rgb(170, 196, 193)  
}
```

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(170, 196, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 196, 193) }
```

Border

The CSS property to change the border of an element to HunterLab 72.0251, -12.1830, 2.6368 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(170, 196, 193) }
```


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

```
.border{ border-color:rgb(170, 196, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 196, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 196, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 196, 193);  
box-shadow:4px 4px 4px 4px rgb(170, 196,  
193) }
```

Background

The CSS property to change the background color of an element to HunterLab 72.0251, -12.1830, 2.6368 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 196, 193) }
```

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

```
.background{ background-color: rgb(170,  
196, 193) }
```

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