

Converting Colors

HunterLab(70.4010, -45.1035,
12.2125)

Have a look what the booklet for
HunterLab(70.4010, -45.1035,
12.2125) contains.

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Color

**HunterLab(70.4975,
-45.2069, 12.3078)**

Conversions

Conversions Part 1

Format	Color
Hex	23D3A6
RGB	35, 211, 166
RGB Percent	14%, 83%, 65%
CMY	0.8627, 0.1725, 0.3490
CMYK	0.83, 0.00, 0.21, 0.17
HSL	165°, 72%, 48%
HSV	165°, 83%, 83%
XYZ	30.8703, 49.6990, 44.0422
YIQ	153.2460, -90.4510, -51.3070

Conversions

Conversions Part 2

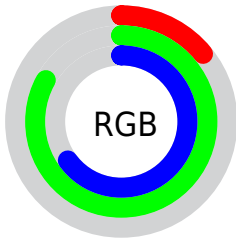
Format	Color
RYB	35, 136, 211
Decimal	2347942
CIELab	75.89, -52.36, 10.51
CIELCh	76, 53.404, 168.649
Yxy	49.7009, 0.2477, 0.3988
Android (android.graphics.Color)	4280538022 (0xFF23D3A6)
YUV	153.2460, 6.2877, -103.7017
Hunter-Lab	70.4975, -45.2069, 12.3078

Details

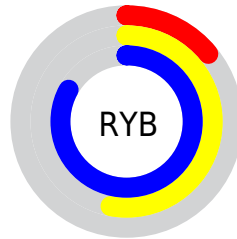
The HunterLab color **70.4975, -45.2069, 12.3078** is a dark color, and the websafe version is hex **00CC99**. The color can be described as middle washed spring green. A complement of this color would be **39.5366, 61.3551, 14.0516**, and the grayscale version is **56.5435, -3.0170, 3.0721**.

A 20% lighter version of the original color is **89.5830, -45.9414, 9.1218**, and **49.6564, -33.8459, 10.9975** is the 20% darker color. If you saturate the color by 10%, you get **70.1728, -46.8133, 14.0851**, and if you desaturate by 10%, it is **70.9856, -42.9512, 10.6429**.

Distribution



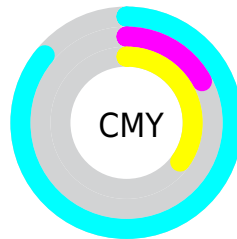
- Red (14%)
- Green (83%)
- Blue (65%)



- Red (14%)
- Yellow (53%)
- Blue (83%)



- Cyan (83%)
- Magenta (0%)
- Yellow (21%)
- Black (17%)





- Cyan (86%)
- Magenta (17%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 70.4975, -45.2069, 12.3078 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 70.4975, -45.2069, 12.3078 by changing the saturation by 10% instead.


 70.4975, -45.2069,
12.3078


 70.4975, -45.2069,
12.3078


196.3403,
-72.8694, 23.0101


 59.3092, -41.6343,
11.1591


 94.7268, -51.9274,
14.6176


 48.7835, -37.8726,
10.0076


 107.7060,
-55.1232, 15.7829

 38.9668, -33.8699,
8.8471


 121.2293,
-58.2329, 16.9578

 29.9144, -29.5499,
7.6670

 135.2755,
-61.2695, 18.1435

 21.6973, -24.7959,
6.4502

 149.8258,
-64.2435, 19.3410

 14.4112, -20.3478,
5.1655

164.8634,

 8.0718, -14.1257,

-67.1636, 20.5509

5.6503

180.3729,
-70.0369, 21.7738

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 70.4975, -45.2069,
12.3078

■ 70.4975, -45.2069,
12.3078

■ 70.1728, -46.8133,
14.0851

■ 70.9856, -42.9512,
10.6429

■ 70.0187, -47.6207,
15.2821


■ 71.6539, -39.9784,
9.1248


■ 72.5185, -36.2558,
7.7846


■ 73.5895, -31.7772,
6.6467


■ 74.8729, -26.5588,

5.7295

 76.3711, -20.6355,
5.0457

 78.0838, -14.0558,
4.6018

 80.0080, -6.8780,
4.3994

 82.1386, 0.8346,
4.4353

Harmonies

Analogous

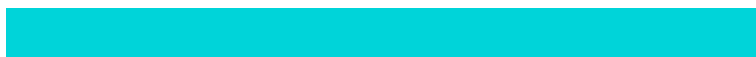
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



70.4989, -36.5332, 27.9759



70.4975, -45.2069, 12.3078



70.4989, -44.0009, -12.5235

Triad

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



70.4989, -45.2074, 12.3085



70.4989, 12.3826, -55.1832



70.4989, 31.1322, 30.3822

Complementary

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



70.4975, -45.2069, 12.3078



39.5366, 61.3551, 14.0516

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.



70.4989, 48.1837, 17.0255



70.4975, -45.2069, 12.3078



70.4989, 36.3550, -33.8452

Square

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



70.4989, -45.2074, 12.3085



70.4989, -13.0378, -57.8450



70.4989, 50.2189, -5.8357



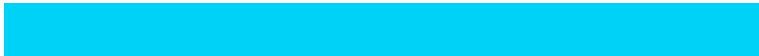
70.4989, 6.0124, 35.6918

Rectangle

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



70.4975, -45.2069, 12.3078



70.4989, -37.7126, -31.3841



70.4989, 50.2189, -5.8357



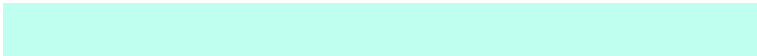
70.4989, 38.1402, 26.9555

Sweetspot

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



70.4989, -45.2074, 12.3085



94.2566, -26.9988, 6.3871



69.6440, -52.4873, 40.6410



43.2964, -13.7160, 3.0876

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



70.4989, -45.2074, 12.3085



86.7345, -59.1094, 19.1897



58.1267, -19.3764, -27.3854



36.5422, -5.2150, 2.0823



54.4092, -36.8961, 11.6413



12.9140, -8.4302, 2.0570

Inverse Universe

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



39.5366, 61.3551, 14.0516



46.5231, 80.4977, 23.6636



43.7608, 44.8017, 25.5940



34.4342, 1.5881, 1.8707



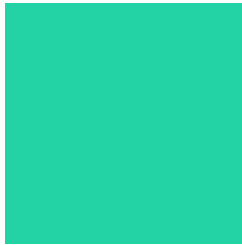
29.2104, 50.6216, 14.2398



7.0013, 12.3166, 1.9922

Previews

White Background



This preview shows how the HunterLab color 70.4975, -45.2069, 12.3078 looks on a white background.

Color Contrast Check

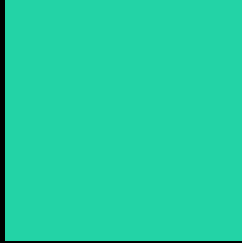
Large Text (above 18pt) WCAG AA × Fail

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 70.4975, -45.2069, 12.3078 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

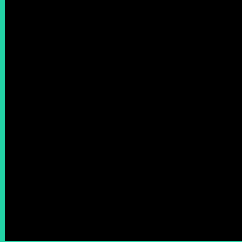
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

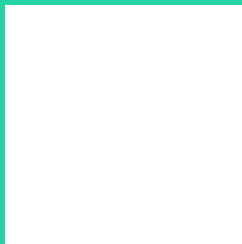
Any Text WCAG AAA ✓ Pass

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

HunterLab 70.4975, -45.2069, 12.3078 Background



This preview shows how black text looks on a background with the HunterLab color 70.4975, -45.2069, 12.3078.



This preview shows how white text looks on a background with the HunterLab color 70.4975, -45.2069, 12.3078.

-45.2069, 12.3078.

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

70.4975, -45.2069, 12.3078

Protanopia

69.8095, -4.8949, 17.3349

Deuteranopia

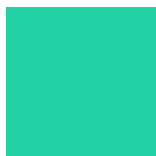
69.7619, 5.0212, 9.4743



Tritanopia

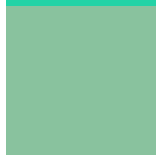
70.5200, -29.2911, -13.9862

Trichromacy



Original Color

70.4975, -45.2069, 12.3078



Protanomaly

68.0959, -25.3780, 13.3515



Deuteranomaly

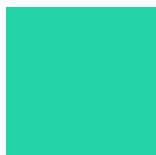
67.9585, -20.2629, 8.3418



Tritanomaly

70.5164, -35.9671, -3.1220

Monochromacy



Original Color

70.4975, -45.2069, 12.3078



Achromatopsia

56.4399, -3.0115, 3.0665



Achromatomaly

60.0464, -22.6244, 4.6640

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 70.4975, -45.2069, 12.3078 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(35, 211, 166)` looks like.

```
.text, #text, p{  
    color:rgb(35, 211, 166)  
}
```

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(35, 211, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(35, 211, 166) }
```

Border

The CSS property to change the border of an element to HunterLab 70.4975, -45.2069, 12.3078 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(35, 211, 166) }
```


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

```
.border{ border-color:rgb(35, 211, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(35, 211, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(35, 211, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(35, 211, 166);  
box-shadow:4px 4px 4px 4px rgb(35, 211,  
166) }
```

Background

The CSS property to change the background color of an element to HunterLab 70.4975, -45.2069, 12.3078 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(35, 211, 166) }
```

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

```
.background{ background-color: rgb(35, 211,  
166) }
```

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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