

Converting Colors

HunterLab(74.7673, -44.4005,
11.6339)

Have a look what the booklet for
HunterLab(74.7673, -44.4005,
11.6339) contains.

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Color

**HunterLab(74.6123,
-44.1742, 11.3127)**

Conversions

Conversions Part 1

Format	Color
Hex	44DCB3
RGB	68, 220, 179
RGB Percent	27%, 86%, 70%
CMY	0.7333, 0.1372, 0.2980
CMYK	0.69, 0.00, 0.19, 0.14
HSL	164°, 68%, 56%
HSV	164°, 69%, 86%
XYZ	36.1137, 55.6700, 51.4898
YIQ	169.8780, -77.4310, -44.9750

Conversions

Conversions Part 2

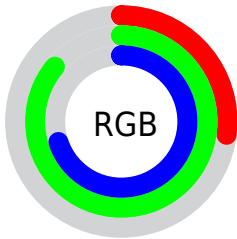
Format	Color
RYB	68, 156, 220
Decimal	4512947
CIELab	79.43, -49.17, 8.71
CIELCh	79, 49.939, 169.956
Yxy	55.6721, 0.2521, 0.3886
Android (android.graphics.Color)	4282703027 (0xFF44DCB3)
YUV	169.8780, 4.4971, -89.3470
Hunter-Lab	74.6123, -44.1742, 11.3127

Details

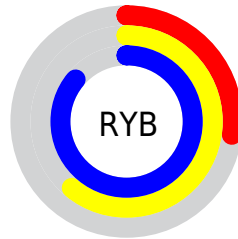
The HunterLab color **74.6123, -44.1742, 11.3127** is a light color, and the websafe version is hex **33CC99**. The color can be described as light muted spring green. A complement of this color would be **45.2277, 56.3988, 9.8872**, and the grayscale version is **63.3579, -3.3806, 3.4424**.

A 20% lighter version of the original color is **90.8771, -40.0307, 4.0189**, and **52.9691, -35.2685, 9.9278** is the 20% darker color. If you saturate the color by 10%, you get **74.0195, -46.8903, 13.0945**, and if you desaturate by 10%, it is **75.4071, -40.6817, 9.6922**.

Distribution



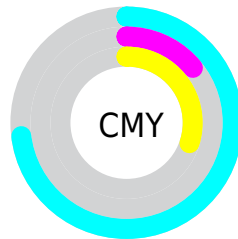
- Red (27%)
- Green (86%)
- Blue (70%)



- Red (27%)
- Yellow (61%)
- Blue (86%)



- Cyan (69%)
- Magenta (0%)
- Yellow (19%)
- Black (14%)





- Cyan (73%)
- Magenta (14%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 74.6123, -44.1742, 11.3127 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 74.6123, -44.1742, 11.3127 by changing the saturation by 10% instead.


 74.6123, -44.1742,
11.3127


 74.6123, -44.1742,
11.3127


202.1026,
-70.2679, 21.3768


 63.1982, -40.8506,
10.2584


 99.2598, -50.4615,
13.4536


 52.4327, -37.3671,
9.2099


 112.4343,
-53.4650, 14.5419

 42.3591, -33.6815,
8.1635


 126.1450,
-56.3950, 15.6439

 33.0288, -29.7320,
7.1128

 140.3718,
-59.2626, 16.7603

 24.5065, -25.4254,
6.0468

155.0965,
-62.0769, 17.8914

 16.8776, -20.6124,
4.9467

170.3029,

 10.2625, -17.9593,

-64.8452, 19.0378

4.1369

185.9761,
-67.5738, 20.1995

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 74.6123, -44.1742,
11.3127

■ 74.6123, -44.1742,
11.3127

■ 74.0195, -46.8903,
13.0945

■ 75.4071, -40.6817,
9.6922

■ 73.6053, -48.8824,
14.9988

■ 76.4129, -36.3892,
8.2608

■ 73.3358, -50.2797,
16.9747


■ 77.6398, -31.3019,
7.0436


■ 73.3140, -50.3954,
17.1531

■ 79.0925, -25.4467,
6.0585

■ 80.7722, -18.8680,

5.3174

 82.6770, -11.6227,
4.8260

 84.8029, -3.7759,
4.5848

 87.1437, 4.6036,
4.5897

 88.4861, 9.4725,
3.3298

Harmonies

Analogous

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



74.6138, -36.1036, 27.1287



74.6123, -44.1742, 11.3127



74.6138, -42.5667, -12.5121

Triad

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



74.6138, -44.1748, 11.3135



74.6138, 12.4120, -50.0468



74.6138, 28.0572, 30.4411

Complementary

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



74.6123, -44.1742, 11.3127



45.2277, 56.3988, 9.8872

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.



74.6138, 44.4881, 17.5336



74.6123, -44.1742, 11.3127



74.6138, 34.6947, -30.0274

Square

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



74.6138, -44.1748, 11.3135



74.6138, -11.8579, -53.3211



74.6138, 47.0597, -4.0006



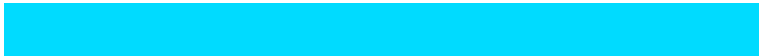
74.6138, 4.2280, 35.6281

Rectangle

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



74.6123, -44.1742, 11.3127



74.6138, -36.1414, -29.9529



74.6138, 47.0597, -4.0006



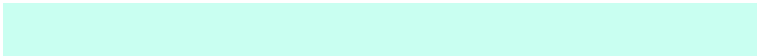
74.6138, 34.7496, 27.0949

Sweetspot

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



74.6138, -44.1748, 11.3135



95.0391, -23.9916, 6.4438



74.1551, -49.8498, 40.4480



43.7084, -12.1177, 3.0883

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



74.6138, -44.1748, 11.3135



87.2434, -56.6095, 16.4982



64.7822, -22.1975, -22.4421



38.4272, -5.5268, 2.2508



56.1812, -38.5005, 12.8899



14.3489, -9.4994, 2.5716

Inverse Universe

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



45.2277, 56.3988, 9.8872



48.9306, 76.4840, 16.7440



49.9290, 38.4939, 24.9446



36.2063, 1.7142, 1.9071



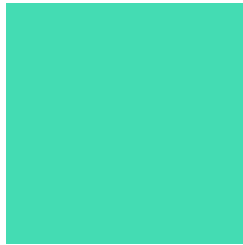
30.2214, 52.4282, 14.3106



7.7847, 13.6846, 2.2931

Previews

White Background



This preview shows how the HunterLab color 74.6123, -44.1742, 11.3127 looks on a white background.

Color Contrast Check

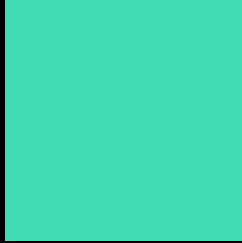
Large Text (above 18pt) WCAG AA × Fail

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 74.6123, -44.1742, 11.3127 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

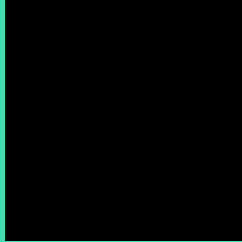
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

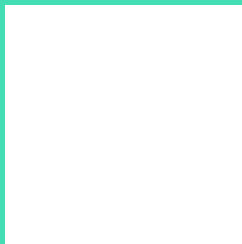
Any Text WCAG AAA ✓ Pass

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

HunterLab 74.6123, -44.1742, 11.3127 Background



This preview shows how black text looks on a background with the HunterLab color 74.6123, -44.1742, 11.3127.



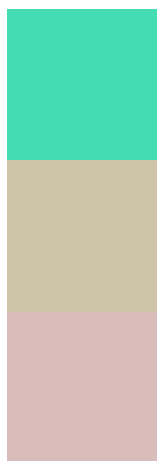
This preview shows how white text looks on a background with the HunterLab color 74.6123,

-44.1742, 11.3127.

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

74.6123, -44.1742, 11.3127

Protanopia

74.0017, -5.0989, 16.6059

Deuteranopia

73.9541, 4.9628, 8.4139



Tritanopia

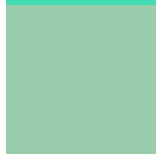
74.5156, -28.8547, -14.1553

Trichromacy



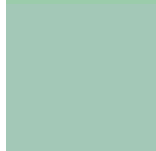
Original Color

74.6123, -44.1742, 11.3127



Protanomaly

72.8660, -23.4985, 13.1386



Deuteranomaly

72.4665, -17.6822, 7.6901



Tritanomaly

74.6015, -35.1289, -3.6251

Monochromacy



Original Color

74.6123, -44.1742, 11.3127



Achromatopsia

63.4017, -3.3830, 3.4447



Achromatomaly

66.3100, -21.2904, 5.1374

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 74.6123, -44.1742, 11.3127 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(68, 220, 179)` looks like.

```
.text, #text, p{  
  color:rgb(68, 220, 179)  
}
```

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(68, 220, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(68, 220, 179) }
```

Border

The CSS property to change the border of an element to HunterLab 74.6123, -44.1742, 11.3127 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(68, 220, 179) }
```


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

```
.border{ border-color:rgb(68, 220, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(68, 220, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(68, 220, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(68, 220, 179);  
box-shadow:4px 4px 4px 4px rgb(68, 220,  
179) }
```

Background

The CSS property to change the background color of an element to HunterLab 74.6123, -44.1742, 11.3127 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(68, 220, 179) }
```

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

```
.background{ background-color: rgb(68, 220,  
179) }
```

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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