

Converting Colors

HunterLab(75.6351, -28.0363,
0.4528)

Have a look what the booklet for
HunterLab(75.6351, -28.0363,
0.4528) contains.

HunterLab(75.6416, -27.9737, 0.3506)	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(75.6416,
-27.9737, 0.3506)**

Conversions

Conversions Part 1

Format	Color
Hex	81D6CE
RGB	129, 214, 206
RGB Percent	51%, 84%, 81%
CMY	0.4941, 0.1608, 0.1922
CMYK	0.40, 0.00, 0.04, 0.16
HSL	174°, 51%, 67%
HSV	174°, 40%, 84%
XYZ	44.2404, 57.2165, 67.1047
YIQ	187.6730, -48.0920, -20.5080

Conversions

Conversions Part 2

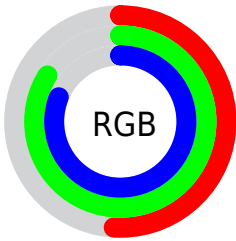
Format	Color
RYB	129, 174, 214
Decimal	8509134
CIELab	80.30, -27.60, -4.16
CIElCh	80, 27.911, 188.577
Yxy	57.2188, 0.2625, 0.3394
Android (android.graphics.Color)	4286699214 (0xFF81D6CE)
YUV	187.6730, 9.0352, -51.4562
Hunter-Lab	75.6416, -27.9737, 0.3506

Details

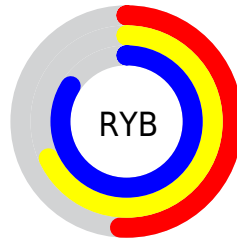
The HunterLab color $75.6416, -27.9737, 0.3506$ is a light color, and the websafe version is hex `66CCCC`. A complement of this color would be $56.3954, 28.2279, 10.3608$, and the grayscale version is $70.7559, -3.7754, 3.8443$.

A 20% lighter version of the original color is $94.3686, -25.5176, -1.7375$, and $53.3664, -23.7749, -0.5351$ is the 20% darker color. If you saturate the color by 10%, you get $74.5771, -32.1821, -0.0194$, and if you desaturate by 10%, it is $76.9236, -23.0315, 0.9936$.

Distribution



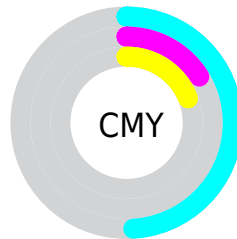
- Red (51%)
- Green (84%)
- Blue (81%)



- Red (51%)
- Yellow (68%)
- Blue (84%)



- Cyan (40%)
- Magenta (0%)
- Yellow (4%)
- Black (16%)



- Cyan (49%)
- Magenta (16%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 75.6416, -27.9737, 0.3506 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 75.6416, -27.9737, 0.3506 by changing the saturation by 10% instead.

■ 75.6416, -27.9737,
0.3506

■ 75.6416, -27.9737,
0.3506

203.5359,
-45.2660, 5.9039

■ 64.1724, -25.9071,
-0.0821

■ 100.3914,
-31.9731, 1.3438

■ 53.3484, -23.7767,
-0.4700

■ 113.6138,
-33.9230, 1.8971

■ 43.2123, -21.5632,
-0.8078

■ 127.3705,
-35.8491, 2.4856

■ 33.8146, -19.2376,
-1.0899

141.6415,
-37.7562, 3.1077

■ 25.2185, -16.7555,
-1.3092

156.4090,
-39.6484, 3.7618

■ 17.5072, -14.0428,
-1.4554

171.6569,

■ 10.7971, -12.1116,

-41.5291, 4.4467

-1.5134

187.3703,
-43.4008, 5.1611

■ 1.8300, -3.2024,
-9.3299

0.0000, NaN, NaN

■ 75.6416, -27.9737,
0.3506

■ 75.6416, -27.9737,
0.3506

■ 74.5771, -32.1821,
-0.0194

■ 76.9236, -23.0315,
0.9936

■ 73.7198, -35.6399,
-0.1240

■ 78.4208, -17.3852,
1.9045

■ 73.0618, -38.3544,
0.0266

■ 80.1344, -11.0810,
3.0768

■ 72.5892, -40.3569,
0.4132

■ 82.0613, -4.1738,
4.4987

■ 72.2827, -41.7079,
1.0082

■ 84.1966, 3.2758,
6.1551

■ 72.1042, -42.5498,
1.7590

■ 86.2680, 10.3285,
7.7095

■ 72.0997, -42.5712,
1.7807

■ 86.3296, 10.6548,
6.8300

■ 86.3918, 10.9846,
5.9412

■ 86.4547, 11.3178,
5.0429

Harmonies

Analogous

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



75.6431, -26.6627, 12.5712



75.6416, -27.9737, 0.3506



75.6431, -23.2334, -12.9050

Triad

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



75.6431, -27.9745, 0.3517



75.6431, 12.7892, -17.7758



75.6431, 5.6494, 23.6423

Complementary

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



75.6416, -27.9737, 0.3506



56.3954, 28.2279, 10.3608

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.



75.6431, 17.2808, 17.9205



75.6416, -27.9737, 0.3506



75.6431, 21.5994, -5.4409

Square

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



75.6431, -27.9745, 0.3517



75.6431, -0.1402, -24.5058



75.6431, 23.2982, 7.6991



75.6431, -7.8627, 24.6452

Rectangle

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



75.6416, -27.9737, 0.3506



75.6431, -17.0693, -20.0563



75.6431, 23.2982, 7.6991



75.6431, 9.9352, 22.2621

Sweetspot

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



75.6431, -27.9745, 0.3517



97.1942, -15.4280, 3.3804



74.1897, -37.4191, 28.4615



44.8358, -7.6162, 1.4730

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



75.6431, -27.9745, 0.3517



91.0900, -38.6579, 0.0146



64.9358, -10.5171, -18.2604



37.5324, -5.0942, 1.4582



56.0606, -33.0516, 1.2781



13.7898, -7.9862, 0.0038

Inverse Universe

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



56.3954, 28.2279, 10.3608



63.2006, 43.6542, 14.9088



64.8671, 9.7434, 21.1571



35.2698, 1.3896, 2.5820



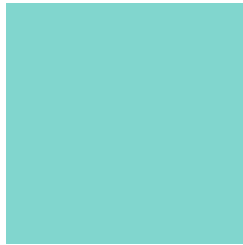
29.4597, 50.5785, 18.0451



7.2810, 12.5918, 3.7526

Previews

White Background



This preview shows how the HunterLab color 75.6416, -27.9737, 0.3506 looks on a white background.

Color Contrast Check

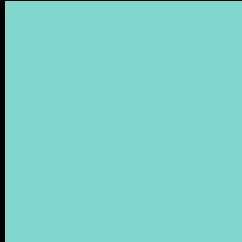
Large Text (above 18pt) WCAG AA × Fail

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 75.6416, -27.9737, 0.3506 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

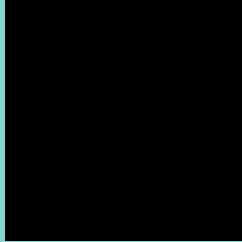
Any Text WCAG AA ✓ Pass

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 75.6416, -27.9737, 0.3506 Background



This preview shows how black text looks on a background with the HunterLab color 75.6416, -27.9737, 0.3506.



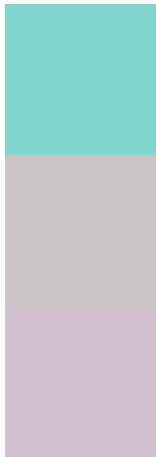
This preview shows how white text looks on a background with the HunterLab color 75.6416, -27.9737, 0.3506.

-27.9737, 0.3506.

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

75.6416, -27.9737, 0.3506

Protanopia

75.1496, -2.5654, 5.0588

Deuteranopia

75.0996, 5.8596, -2.2758



Tritanopia

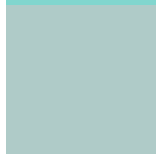
75.7238, -21.0432, -11.1774

Trichromacy



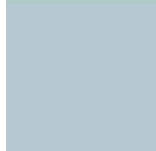
Original Color

75.6416, -27.9737, 0.3506



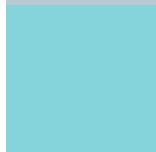
Protanomaly

74.8305, -12.9707, 2.5877



Deuteranomaly

74.7376, -7.8996, -1.9390



Tritanomaly

75.6577, -23.5550, -6.8543

Monochromacy



Original Color

75.6416, -27.9737, 0.3506



Achromatopsia

70.9145, -3.7838, 3.8529



Achromatomaly

72.1721, -13.1425, 1.8277

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 75.6416, -27.9737, 0.3506 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(129, 214, 206)` looks like.

```
.text, #text, p{  
    color:rgb(129, 214, 206)  
}
```

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(129, 214, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 214, 206) }
```

Border

The CSS property to change the border of an element to HunterLab 75.6416, -27.9737, 0.3506 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(129, 214, 206) }
```


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

```
.border{ border-color:rgb(129, 214, 206) }
```

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

Here you see how a box with a 4 pixel rgb(129, 214, 206) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 214, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 214, 206);  
box-shadow:4px 4px 4px 4px rgb(129, 214,  
206) }
```

Background

The CSS property to change the background color of an element to HunterLab 75.6416, -27.9737, 0.3506 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 214, 206) }
```

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

```
.background{ background-color: rgb(129,  
214, 206) }
```

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