

Converting Colors

HunterLab(48.7003, 35.4527,
1.8865)

Have a look what the booklet for
HunterLab(48.7003, 35.4527,
1.8865) contains.

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Color

**HunterLab(48.6300, 35.7284,
1.7362)**

Conversions

Conversions Part 1

Format	Color
Hex	C76789
RGB	199, 103, 137
RGB Percent	78%, 40%, 54%
CMY	0.2196, 0.5961, 0.4627
CMYK	0.00, 0.48, 0.31, 0.22
HSL	339°, 46%, 59%
HSV	339°, 48%, 78%
XYZ	32.9188, 23.6488, 26.4966
YIQ	135.5800, 46.3020, 30.9260

Conversions

Conversions Part 2

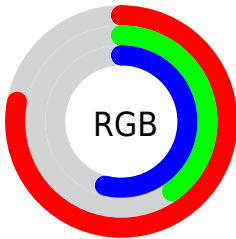
Format	Color
R_{YB}	199, 103, 137
Decimal	13068169
CIE _{Lab}	55.74, 41.93, -1.18
CIE _{LCh}	56, 41.947, 358.383
Yxy	23.6499, 0.3963, 0.2847
Android (android.graphics.Color)	4291258249 (0xFFC76789)
YUV	135.5800, 0.7001, 55.6193
Hunter-Lab	48.6300, 35.7284, 1.7362

Details

The HunterLab color $48.6300, 35.7284, 1.7362$ is a dark color, and the websafe version is hex $CC6699$. A complement of this color would be $68.1525, -33.3343, 10.4413$, and the grayscale version is $49.4376, -2.6379, 2.6860$.

A 20% lighter version of the original color is $69.8245, 37.3851, 2.3146$, and $29.6758, 32.6348, 0.8425$ is the 20% darker color. If you saturate the color by 10%, you get $44.5015, 43.6670, 2.7150$, and if you desaturate by 10%, it is $53.3685, 27.4070, 1.3783$.

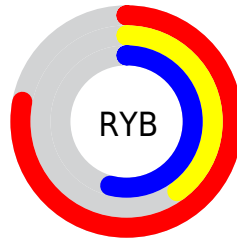
Distribution



Red (78%)

Green (40%)

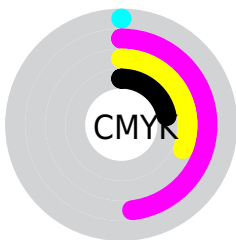
Blue (54%)



Red (78%)

Yellow (40%)

Blue (54%)

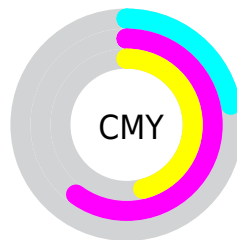


Cyan (0%)

Magenta (48%)

Yellow (31%)

Black (22%)



Cyan (22%)

Magenta (60%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 48.6300, 35.7284, 1.7362 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 48.6300, 35.7284, 1.7362 by changing the saturation by 10% instead.

48.6300, 35.7284,
1.7362

48.6300, 35.7284,
1.7362

164.6347, 44.6989,
7.6026

38.8254, 34.2289,
1.2680

70.3266, 38.3686,
2.8013

29.7850, 32.6100,
0.8458

82.1339, 39.5299,
3.3903

21.5811, 30.8809,
0.4760

94.5367, 40.5949,
4.0143

14.3098, 29.1038,
0.1665

107.5077, 41.5708,
4.6713

7.9685, 28.5412,
-0.1819

121.0229, 42.4638,
5.3600

0.0000, INF, NaN

0.0000, NaN, NaN

135.0615, 43.2795,

6.0789

0.0000, NaN, NaN

149.6044, 44.0231,
6.8268

0.0000, NaN, NaN

■ 48.6300, 35.7284,
1.7362

■ 48.6300, 35.7284,
1.7362

■ 44.5015, 43.6670,
2.7150

■ 53.3685, 27.4070,
1.3783

■ 41.0782, 50.7729,
4.3715

■ 58.6196, 19.0081,
1.5468

■ 38.4479, 56.4604,
6.6912


■ 64.3034, 10.6944,
2.1494


■ 36.6558, 60.1788,
9.5399


■ 70.3529, 2.5429,
3.1038


■ 35.6312, 61.8108,
12.6251


■ 76.7141, -5.4218,
4.3423

 35.4829, 62.0286,
13.1369

 83.3436, -13.2029,
5.8114

 90.2070, -20.8168,
7.4695

 94.8382, -24.7771,
6.5536

 95.2540, -22.4180,
0.6288

Harmonies

Analogous

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



48.6312, 29.4283, -17.2521



48.6300, 35.7284, 1.7362



48.6312, 30.6112, 15.5152

Triad

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



48.6312, 35.7257, 1.7373



48.6312, -17.5526, 23.1986



48.6312, -18.9785, -33.1671

Complementary

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



48.6300, 35.7284, 1.7362



68.1525, -33.3343, 10.4413

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.



48.6312, -28.7541, -15.1171



48.6300, 35.7284, 1.7362



48.6312, -28.0162, 16.5918

Square

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



48.6312, 35.7257, 1.7373



48.6312, -1.6465, 24.9756



48.6312, -31.8171, 3.5397



48.6312, -3.5412, -41.3311

Rectangle

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



48.6300, 35.7284, 1.7362



48.6312, 21.7735, 20.9845



48.6312, -31.8171, 3.5397



48.6312, -22.9498, -27.8002

Sweetspot

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



48.6312, 35.7257, 1.7373



88.2625, 9.7722, 3.3030



46.5797, 35.0927, -39.4605



40.0326, 5.6187, 1.4087

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



48.6312, 35.7257, 1.7373



58.5799, 58.3963, 3.7006



50.5642, 25.2709, 16.5517



32.7077, 1.6276, 1.3991



28.4799, 49.8380, 10.1451



6.3074, 11.2479, 0.6168

Inverse Universe

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



48.6312, 35.7257, 1.7373



58.5799, 58.3963, 3.7006



64.9692, -21.6446, -9.6549



32.7077, 1.6276, 1.3991



28.4799, 49.8380, 10.1451



6.3074, 11.2479, 0.6168

Previews

White Background



This preview shows how the HunterLab color 48.6300, 35.7284, 1.7362 looks on a white background.

Color Contrast Check

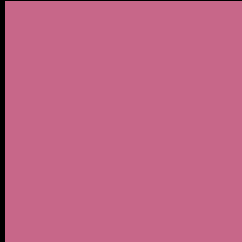
Large Text (above 18pt) WCAG AA ✓ Pass

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 48.6300, 35.7284, 1.7362 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

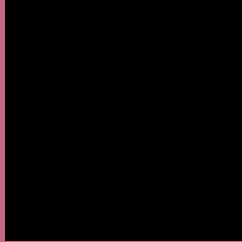
Any Text WCAG AA ✓ Pass

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 48.6300, 35.7284, 1.7362 Background



This preview shows how black text looks on a background with the HunterLab color 48.6300, 35.7284, 1.7362.



This preview shows how white text looks on a background with the HunterLab color 48.6300, 35.7284,

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

48.6300, 35.7284, 1.7362

Protanopia

48.8748, 0.3316, -7.4964

Deuteranopia

48.8485, 3.1243, 3.2214



Tritanopia

48.6040, 30.1804, 10.6923

Trichromacy



Original Color

48.6300, 35.7284, 1.7362

Protanomaly

47.9852, 12.0827, -4.8378

Deuteranomaly

48.2298, 14.5834, 2.2479

Tritanomaly

48.7277, 32.0149, 7.7855

Monochromacy



Original Color

48.6300, 35.7284, 1.7362

Achromatopsia

49.6187, -2.6475, 2.6959

Achromatomaly

48.5426, 10.4722, 1.6455

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 48.6300, 35.7284, 1.7362 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(199, 103, 137)` looks like.

```
.text, #text, p{  
    color:rgb(199, 103, 137)  
}
```

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(199, 103, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 103, 137) }
```

Border

The CSS property to change the border of an element to HunterLab 48.6300, 35.7284, 1.7362 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(199, 103, 137) }
```


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

```
.border{ border-color:rgb(199, 103, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 103, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 103, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 103, 137);  
box-shadow:4px 4px 4px 4px rgb(199, 103,  
137) }
```

Background

The CSS property to change the background color of an element to HunterLab 48.6300, 35.7284, 1.7362 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 103, 137) }
```

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

```
.background{ background-color: rgb(199,  
103, 137) }
```

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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