

Converting Colors

HunterLab(40.6883, 50.9991,
-25.8302)

Have a look what the booklet for
HunterLab(40.6883, 50.9991,
-25.8302) contains.

HunterLab(40.6874, 50.9986, -25.9084)	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(40.6874, 50.9986,
-25.9084)**

Conversions

Conversions Part 1

Format	Color
Hex	B543A5
RGB	181, 67, 165
RGB Percent	71%, 26%, 65%
CMY	0.2902, 0.7372, 0.3529
CMYK	0.00, 0.63, 0.09, 0.29
HSL	308°, 46%, 49%
HSV	308°, 63%, 71%
XYZ	27.8547, 16.5546, 37.3245
YIQ	112.2580, 36.4860, 54.6460

Conversions

Conversions Part 2

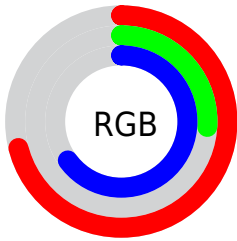
Format	Color
R_{YB}	181, 67, 165
Decimal	11879333
CIE _{Lab}	47.69, 57.57, -30.15
CIE _{LCh}	48, 64.990, 332.356
Yxy	16.5554, 0.3408, 0.2025
Android (android.graphics.Color)	4290069413 (0xFFB543A5)
YUV	112.2580, 26.0018, 60.2867
Hunter-Lab	40.6874, 50.9986, -25.9084

Details

The HunterLab color $40.6874, 50.9986, -25.9084$ is a dark color, and the websafe version is hex 993399 . A complement of this color would be $59.0476, -41.6622, 27.4371$, and the grayscale version is $40.2465, -2.1475, 2.1867$.

A 20% lighter version of the original color is $61.1859, 54.7625, -26.9510$, and $23.5632, 45.4123, -23.9958$ is the 20% darker color. If you saturate the color by 10%, you get $38.2591, 57.6782, -28.7202$, and if you desaturate by 10%, it is $43.7579, 43.1020, -22.1741$.

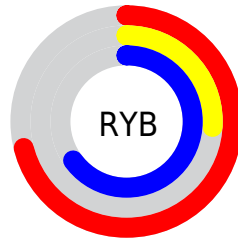
Distribution



Red (71%)

Green (26%)

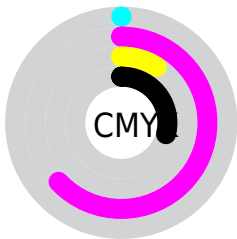
Blue (65%)



Red (71%)

Yellow (26%)

Blue (65%)

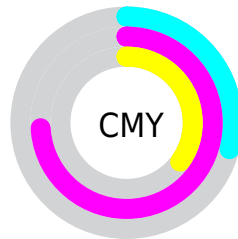


Cyan (0%)

Magenta (63%)

Yellow (9%)

Black (29%)



Cyan (29%)

Magenta (74%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.6874, 50.9986, -25.9084 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 40.6874, 50.9986, -25.9084 by changing the saturation by 10% instead.

40.6874, 50.9986,
-25.9084

40.6874, 50.9986,
-25.9084

152.5114, 65.3446,
-29.2784

31.4929, 48.9309,
-25.3249

61.2861, 54.8735,
-27.0102

23.1185, 46.8486,
-24.7924

72.5917, 56.6579,
-27.4941

15.6552, 44.9241,
-24.4665

84.5180, 58.3388,
-27.9246

9.2297, 43.7486,
-24.8408

97.0342, 59.9200,
-28.3006

0.0000, INF, -NF

0.0000, NaN, NaN

110.1136, 61.4062,
-28.6226

0.0000, NaN, NaN

123.7330, 62.8024,

0.0000, NaN, NaN

-28.8917

137.8717, 64.1137,
-29.1097

■ 40.6874, 50.9986,
-25.9084

■ 40.6874, 50.9986,
-25.9084

■ 38.2591, 57.6782,
-28.7202

■ 43.7579, 43.1020,
-22.1741

■ 36.5088, 62.6393,
-30.3570

■ 47.4032, 34.4937,
-17.8036

■ 35.4281, 65.5453,
-30.6888

■ 51.5515, 25.5629,
-13.0363

■ 34.9435, 66.6715,
-30.3632

■ 56.1323, 16.5710,
-8.0488

■ 61.0833, 7.6706,
-2.9577

■ 66.3516, -1.0619,
2.1662

■ 71.8934, -9.5979,
7.2834

■ 77.6727, -17.9366,
12.3741

■ 83.6602, -26.0909,
17.4304

Harmonies

Analogous

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



40.6884, 27.5270, -60.1535



40.6874, 50.9986, -25.9084



40.6884, 59.3064, 4.0857

Triad

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



40.6884, 50.9965, -25.9069



40.6884, -4.1691, 26.6886



40.6884, -35.8558, -31.4819

Complementary

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



40.6874, 50.9986, -25.9084



59.0476, -41.6622, 27.4371

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.



40.6884, -40.4830, 0.2505



40.6874, 50.9986, -25.9084



40.6884, -25.2259, 25.1967

Square

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



40.6884, 50.9965, -25.9069



40.6884, 23.1616, 25.6532



40.6884, -37.1301, 18.4545



40.6884, -22.5118, -64.5371

Rectangle

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



40.6874, 50.9986, -25.9084



40.6884, 53.8149, 16.2595



40.6884, -37.1301, 18.4545



40.6884, -38.3100, -19.8154

Sweetspot

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



40.6884, 50.9965, -25.9069



77.4938, 17.7918, -8.2857



30.2559, 28.7363, -66.5208



35.1755, 9.8388, -4.7418



95.4677, -5.0939, 5.1869



42.2927, -2.2566, 2.2978

Same Dimension

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



40.6884, 50.9965, -25.9069



50.0839, 80.3532, -39.5834



38.6506, 42.3390, 2.4485



29.3697, 2.0727, -0.5031



29.0263, 55.4030, -25.3870



5.2030, 10.0177, -5.2228

Inverse Universe

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



40.6884, 50.9965, -25.9069



50.0839, 80.3532, -39.5834



60.0929, -35.3161, 12.2343



29.3697, 2.0727, -0.5031



29.0263, 55.4030, -25.3870



5.2030, 10.0177, -5.2228

Previews

White Background



This preview shows how the HunterLab color 40.6874, 50.9986, -25.9084 looks on a white background.

Color Contrast Check

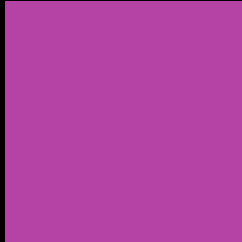
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 40.6874, 50.9986, -25.9084 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

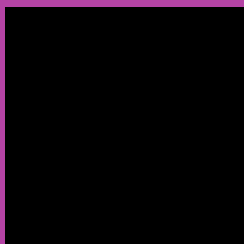
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

HunterLab 40.6874, 50.9986, -25.9084 Background



This preview shows how black text looks on a background with the HunterLab color 40.6874, 50.9986, -25.9084.



This preview shows how white text looks on a background with the HunterLab color 40.6874, 50.9986, -25.9084.

-25.9084.

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

40.6874, 50.9986, -25.9084

Protanopia

41.2556, 10.2799, -55.5966

Deuteranopia

40.8774, 3.1848, -21.6741



Tritanopia

40.6090, 28.3513, 10.3996

Trichromacy



Original Color

40.6874, 50.9986, -25.9084

Protanomaly

39.0359, 22.3779, -48.6785

Deuteranomaly

39.5045, 19.7415, -25.9175

Tritanomaly

40.3724, 35.9153, -0.1246

Monochromacy



Original Color

40.6874, 50.9986, -25.9084

Achromatopsia

40.2529, -2.1478, 2.1870

Achromatomaly

39.1443, 16.2966, -8.1178

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.6874, 50.9986, -25.9084 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(181, 67, 165)` looks like.

```
.text, #text, p{  
    color:rgb(181, 67, 165)  
}
```

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(181, 67, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 67, 165) }
```

Border

The CSS property to change the border of an element to HunterLab 40.6874, 50.9986, -25.9084 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(181, 67, 165) }
```


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

```
.border{ border-color:rgb(181, 67, 165) }
```

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

Here you see how a box with a 4 pixel rgb(181, 67, 165) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 67, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 67, 165);  
box-shadow:4px 4px 4px 4px rgb(181, 67,  
165) }
```

Background

The CSS property to change the background color of an element to HunterLab 40.6874, 50.9986, -25.9084 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 67, 165) }
```

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

```
.background{ background-color: rgb(181, 67,  
165) }
```

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