

Converting Colors

HunterLab(35.0939, 46.4546,
-6.0149)

Have a look what the booklet for
HunterLab(35.0939, 46.4546,
-6.0149) contains.

HunterLab(35.0855, 46.4024, -6.0080)	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(35.0855, 46.4024,
-6.0080)**

Conversions

Conversions Part 1

Format	Color
Hex	AB3375
RGB	171, 51, 117
RGB Percent	67%, 20%, 46%
CMY	0.3294, 0.8000, 0.5412
CMYK	0.00, 0.70, 0.32, 0.33
HSL	327°, 54%, 44%
HSV	327°, 70%, 67%
XYZ	21.1893, 12.3099, 18.0889
YIQ	94.4040, 50.3340, 45.9660

Conversions

Conversions Part 2

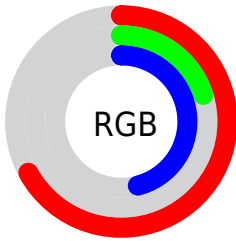
Format	Color
R_{YB}	171, 51, 117
Decimal	11219829
CIE _{Lab}	41.71, 54.45, -10.45
CIE _{LCh}	42, 55.442, 349.131
Yxy	12.3106, 0.4107, 0.2386
Android (android.graphics.Color)	4289409909 (0xFFAB3375)
YUV	94.4040, 11.1398, 67.1747
Hunter-Lab	35.0855, 46.4024, -6.0080

Details

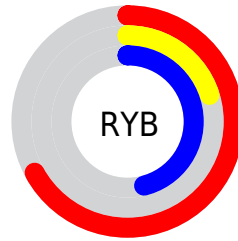
The HunterLab color **35.0855, 46.4024, -6.0080** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **55.5427, -37.8140, 19.2949**, and the grayscale version is **33.5545, -1.7904, 1.8231**.

A 20% lighter version of the original color is **54.9572, 50.1537, -5.7530**, and **20.0177, 36.4273, -3.7035** is the 20% darker color. If you saturate the color by 10%, you get **33.0263, 51.0601, -4.8836**, and if you desaturate by 10%, it is **37.7863, 40.4009, -6.2928**.

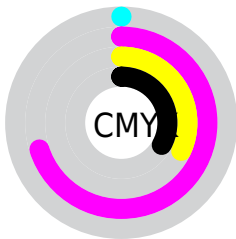
Distribution



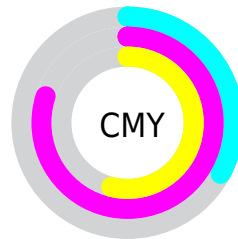
- Red (67%)
- Green (20%)
- Blue (46%)



- Red (67%)
- Yellow (20%)
- Blue (46%)



- Cyan (0%)
- Magenta (70%)
- Yellow (32%)
- Black (33%)















- Cyan (33%)
- Magenta (80%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 35.0855, 46.4024, -6.0080 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 35.0855, 46.4024, -6.0080 by changing the saturation by 10% instead.

 35.0855, 46.4024, -6.0080	 35.0855, 46.4024, -6.0080
143.6839, 60.3698, -4.0778	 26.3734, 44.3775, -5.9167
 54.8265, 50.2090, -5.9647	 18.5319, 42.3784, -5.7409
 65.7436, 51.9570, -5.8467	 11.6725, 40.6905, -5.4739
 77.3022, 53.5984, -5.6717	 4.3453, 62.2389, -9.7364
 89.4685, 55.1370, -5.4443	0.0000, INF, NaN
	0.0000, NaN, NaN
 102.2135, 56.5780, -5.1683	0.0000, NaN, NaN
 115.5121, 57.9270,	0.0000, NaN, NaN

-4.8467

0.0000, NaN, NaN

129.3422, 59.1892,
-4.4824

■ 35.0855, 46.4024,
-6.0080

■ 35.0855, 46.4024,
-6.0080

■ 33.0263, 51.0601,
-4.8836

■ 37.7863, 40.4009,
-6.2928

■ 31.6298, 53.9664,
-2.9383

■ 41.0661, 33.5454,
-5.8282

■ 30.7684, 55.3209,
-0.4991

■ 44.8522, 26.2405,
-4.7447

■ 49.0713, 18.7708,
-3.1759

■ 53.6583, 11.3085,
-1.2359

■ 58.5578, 3.9444,
0.9863

■ 63.7248, -3.2825,
3.4239

■ 69.1224, -10.3630,
6.0283

■ 74.7211, -17.3036,
8.7643

Harmonies

Analogous

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



35.0864, 33.5867, -32.9999



35.0855, 46.4024, -6.0080



35.0864, 44.2094, 12.1914

Triad

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



35.0864, 46.3998, -6.0069



35.0864, -13.9899, 22.1556



35.0864, -24.3062, -40.4868

Complementary

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



35.0855, 46.4024, -6.0080



55.5427, -37.8140, 19.2949

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.



35.0864, -32.1178, -12.9045



35.0855, 46.4024, -6.0080



35.0864, -27.1869, 18.7507

Square

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



35.0864, 46.3998, -6.0069



35.0864, 5.9519, 22.4585



35.0864, -33.0331, 8.3261



35.0864, -9.0689, -59.3407

Rectangle

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



35.0855, 46.4024, -6.0080



35.0864, 34.6504, 18.3882



35.0864, -33.0331, 8.3261



35.0864, -27.7205, -31.3770

Sweetspot

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



35.0864, 46.3998, -6.0069



71.0488, 16.3268, -1.9875



28.8306, 38.4601, -60.7943



32.7624, 8.9683, -1.2799



93.2148, -4.9737, 5.0645



40.3295, -2.1519, 2.1912

Same Dimension

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



35.0864, 46.3998, -6.0069



43.0952, 70.7148, -5.2803



33.6477, 40.4119, 14.6187



28.4364, 1.5998, 0.5725



26.7346, 48.1050, -0.7183



4.5789, 8.4550, -1.7970

Inverse Universe

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



35.0864, 46.3998, -6.0069



43.0952, 70.7148, -5.2803



57.0495, -28.7486, -2.3452



28.4364, 1.5998, 0.5725



26.7346, 48.1050, -0.7183



4.5789, 8.4550, -1.7970

Previews

White Background



This preview shows how the HunterLab color 35.0855, 46.4024, -6.0080 looks on a white background.

Color Contrast Check

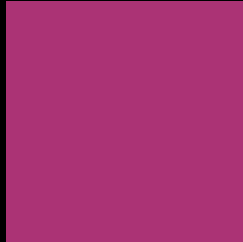
Large Text (above 18pt) WCAG AA ✓ Pass

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 35.0855, 46.4024, -6.0080 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

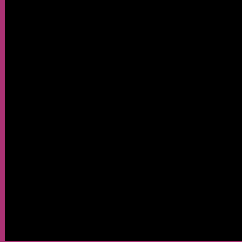
Any Text WCAG AA × Fail

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 35.0855, 46.4024, -6.0080 Background



This preview shows how black text looks on a background with the HunterLab color 35.0855, 46.4024, -6.0080.



This preview shows how white text looks on a background with the HunterLab color 35.0855, 46.4024,

-6.0080.

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

35.0855, 46.4024, -6.0080

Protanopia

35.6184, 4.1500, -26.0098

Deuteranopia

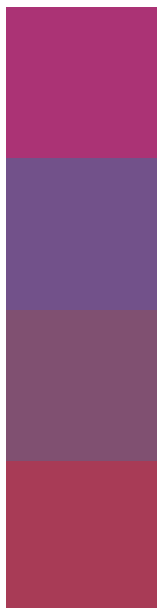
35.5530, 2.3123, -3.1316



Tritanopia

35.0708, 34.3792, 12.9668

Trichromacy



Original Color

35.0855, 46.4024, -6.0080

Protanomaly

33.6114, 18.0223, -21.3879

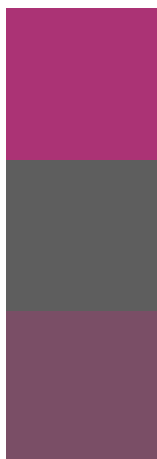
Deuteranomaly

33.9393, 18.1894, -6.0604

Tritanomaly

34.8205, 38.4740, 7.1387

Monochromacy



Original Color

35.0855, 46.4024, -6.0080

Achromatopsia

33.4563, -1.7851, 1.8177

Achromatomaly

32.4741, 15.4447, -2.6698

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 35.0855, 46.4024, -6.0080 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(171, 51, 117)` looks like.

```
.text, #text, p{  
    color:rgb(171, 51, 117)  
}
```

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(171, 51, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 51, 117) }
```

Border

The CSS property to change the border of an element to HunterLab 35.0855, 46.4024, -6.0080 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(171, 51, 117) }
```


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

```
.border{ border-color:rgb(171, 51, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 51, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(171, 51, 117); -webkit-box-shadow:4px 4px 4px 4px rgb(171, 51, 117); box-shadow:4px 4px 4px 4px rgb(171, 51, 117) }
```

Background

The CSS property to change the background color of an element to HunterLab 35.0855, 46.4024, -6.0080 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 51, 117) }
```

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

```
.background{ background-color: rgb(171, 51,  
117) }
```

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