

Converting Colors

HunterLab(30.3105, 35.8290,
-23.8156)

Have a look what the booklet for
HunterLab(30.3105, 35.8290,
-23.8156) contains.

HunterLab(30.3747, 36.0489, -23.9666)	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(30.3747, 36.0489,
-23.9666)**

Conversions

Conversions Part 1

Format	Color
Hex	853585
RGB	133, 53, 133
RGB Percent	52%, 21%, 52%
CMY	0.4784, 0.7921, 0.4784
CMYK	0.00, 0.60, 0.00, 0.48
HSL	300°, 43%, 36%
HSV	300°, 60%, 52%
XYZ	15.1796, 9.2262, 23.1711
YIQ	86.0400, 22.0000, 41.8400

Conversions

Conversions Part 2

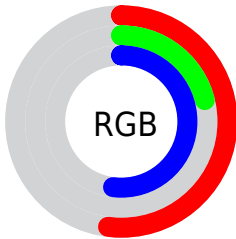
Format	Color
R_{YB}	133, 53, 133
Decimal	8729989
CIE _{Lab}	36.42, 45.34, -29.03
CIE _{LCh}	36, 53.840, 327.369
Yxy	9.2266, 0.3191, 0.1939
Android (android.graphics.Color)	4286920069 (0xFF853585)
YUV	86.0400, 23.1513, 41.1839
Hunter-Lab	30.3747, 36.0489, -23.9666

Details

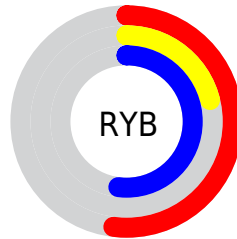
The HunterLab color $[30.3747, 36.0489, -23.9666]$ is a dark color, and the websafe version is hex 993399 . A complement of this color would be $[42.1775, -29.3786, 20.7398]$, and the grayscale version is $[30.4333, -1.6238, 1.6535]$.

A 20% lighter version of the original color is $[49.3785, 39.2436, -25.3367]$, and $[15.2644, 30.2320, -21.8518]$ is the 20% darker color. If you saturate the color by 10%, you get $[28.5968, 41.4347, -27.6609]$, and if you desaturate by 10%, it is $[32.5763, 29.9653, -19.7896]$.

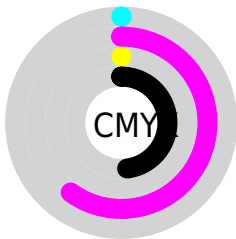
Distribution



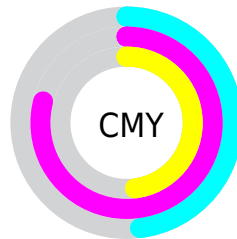
- Red (52%)
- Green (21%)
- Blue (52%)



- Red (52%)
- Yellow (21%)
- Blue (52%)



- Cyan (0%)
- Magenta (60%)
- Yellow (0%)
- Black (48%)















- Cyan (48%)
- Magenta (79%)
- Yellow (48%)
- Black (0%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 30.3747, 36.0489, -23.9666 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 30.3747, 36.0489, -23.9666 by changing the saturation by 10% instead.

 30.3747, 36.0489, -23.9666	 30.3747, 36.0489, -23.9666
 136.0367, 47.7472, -27.5735	 22.1118, 34.2238, -23.4380
 49.3258, 39.3883, -25.0929	 14.7732, 32.3851, -23.1137
 59.8878, 40.8837, -25.6080	 8.4286, 31.3264, -23.7837
 71.1117, 42.2673, -26.0721	0.0000, INF, -NF
 82.9605, 43.5459, -26.4812	0.0000, NaN, -NF
 95.4028, 44.7267, -26.8349	0.0000, NaN, NaN
 108.4116, 45.8165,	0.0000, NaN, NaN

-27.1337

0.0000, NaN, NaN

121.9632, 46.8215,
-27.3793

■ 30.3747, 36.0489,
-23.9666

■ 30.3747, 36.0489,
-23.9666

■ 28.5968, 41.4347,
-27.6609

■ 32.5763, 29.9653,
-19.7896

■ 27.2706, 45.7793,
-30.6393

■ 35.1562, 23.5040,
-15.3491

■ 26.4019, 48.8002,
-32.7092

■ 38.0683, 16.9028,
-10.8075

■ 25.8459, 50.8137,
-34.0885

■ 41.2678, 10.3180,
-6.2719

■ 44.7148, 3.8389,
-1.8036

■ 48.3752, -2.4917,
2.5675

■ 52.2208, -8.6605,
6.8319

■ 56.2279, -14.6706,
10.9913

■ 60.3772, -20.5340,
15.0535

Harmonies

Analogous

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



30.3754, 17.2379, -48.8404



30.3747, 36.0489, -23.9666



30.3754, 44.6367, 0.0004

Triad

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



30.3754, 36.0477, -23.9655



30.3754, 0.0872, 20.0340



30.3754, -27.9048, -19.2738

Complementary

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



30.3747, 36.0489, -23.9666



42.1775, -29.3786, 20.7398

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.



30.3754, -30.3597, 3.2185



30.3747, 36.0489, -23.9666



30.3754, -16.7717, 19.2146

Square

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



30.3754, 36.0477, -23.9655



30.3754, 20.9057, 18.8367



30.3754, -26.8391, 15.1307



30.3754, -19.0450, -45.1462

Rectangle

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



30.3747, 36.0489, -23.9666



30.3754, 42.1428, 10.3654



30.3754, -26.8391, 15.1307



30.3754, -29.3936, -10.7800

Sweetspot

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



30.3754, 36.0477, -23.9655



56.0040, 12.2876, -7.3453



22.3540, 16.5799, -44.7921



26.0465, 6.8804, -4.2089



82.0889, -4.3801, 4.4600



30.7619, -1.6414, 1.6714

Same Dimension

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



30.3754, 36.0477, -23.9655



37.5790, 57.6572, -38.5307



28.8505, 29.4619, -2.9900



21.8239, 1.5413, -0.6543



25.2246, 49.5923, -33.2691



1.4847, 2.9190, -1.9582

Inverse Universe

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



30.3754, 36.0477, -23.9655



37.5790, 57.6572, -38.5307



42.8050, -25.5686, 11.5837



21.8239, 1.5413, -0.6543



25.2246, 49.5923, -33.2691



1.4847, 2.9190, -1.9582

Previews

White Background



This preview shows how the HunterLab color 30.3747, 36.0489, -23.9666 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 ✓ Pass

Black Background



This preview shows how the HunterLab color 30.3747, 36.0489, -23.9666 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

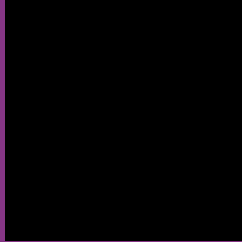
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

HunterLab 30.3747, 36.0489, -23.9666 Background



This preview shows how black text looks on a background with the HunterLab color 30.3747, 36.0489, -23.9666.



This preview shows how white text looks on a background with the HunterLab color 30.3747, 36.0489, -23.9666.

-23.9666.

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

30.3747, 36.0489, -23.9666

Protanopia

30.8135, 8.2348, -45.7479

Deuteranopia

30.7459, 2.0033, -19.7389



Tritanopia

30.3313, 17.5540, 5.9853

Trichromacy



Original Color

30.3747, 36.0489, -23.9666

Protanomaly

29.3584, 16.1741, -40.7543

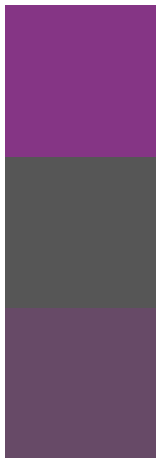
Deuteranomaly

29.5937, 13.5034, -23.1379

Tritanomaly

30.1109, 24.0277, -2.8154

Monochromacy



Original Color

30.3747, 36.0489, -23.9666

Achromatopsia

30.5056, -1.6277, 1.6574

Achromatomaly

29.5980, 11.4698, -7.2658

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 30.3747, 36.0489, -23.9666 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(133, 53, 133)` looks like.

```
.text, #text, p{  
  color:rgb(133, 53, 133)  
}
```

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(133, 53, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 53, 133) }
```

Border

The CSS property to change the border of an element to HunterLab 30.3747, 36.0489, -23.9666 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(133, 53, 133) }
```


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

```
.border{ border-color:rgb(133, 53, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 53, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(133, 53, 133); -webkit-box-shadow:4px 4px 4px 4px rgb(133, 53, 133); box-shadow:4px 4px 4px 4px rgb(133, 53, 133) }
```

Background

The CSS property to change the background color of an element to HunterLab 30.3747, 36.0489, -23.9666 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 53, 133) }
```

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

```
.background{ background-color: rgb(133, 53,  
133) }
```

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