

Converting Colors

HunterLab(36.5166, 58.7131,
-12.4999)

Have a look what the booklet for
HunterLab(36.5166, 58.7131,
-12.4999) contains.

HunterLab(36.5166, 58.7131, -12.4999)	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(36.5166, 58.7131,
-12.4999)**

Conversions

Conversions Part 1

Format	Color
Hex	BA2385
RGB	186, 35, 133
RGB Percent	73%, 14%, 52%
CMY	0.2706, 0.8627, 0.4784
CMYK	0.00, 0.81, 0.28, 0.27
HSL	321°, 68%, 43%
HSV	321°, 81%, 73%
XYZ	25.0844, 13.3346, 23.4420
YIQ	91.3210, 58.5380, 62.4900

Conversions

Conversions Part 2

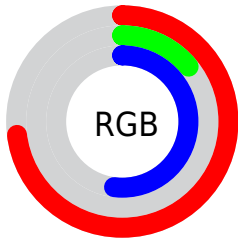
Format	Color
R_{YB}	186, 35, 133
Decimal	12198789
CIE _{Lab}	43.26, 65.27, -17.69
CIE _{LCh}	43, 67.626, 344.836
Yxy	13.3353, 0.4055, 0.2156
Android (android.graphics.Color)	4290388869 (0xFFBA2385)
YUV	91.3210, 20.5477, 83.0335
Hunter-Lab	36.5166, 58.7131, -12.4999

Details

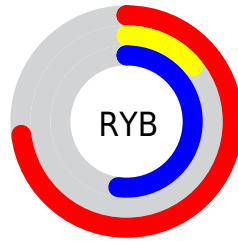
The HunterLab color **36.5166, 58.7131, -12.4999** is a dark color, and the websafe version is hex **CC3399**. A complement of this color would be **60.1500, -45.8681, 27.1582**, and the grayscale version is **32.3766, -1.7275, 1.7591**.

A 20% lighter version of the original color is **56.4565, 63.1974, -12.8913**, and **22.8336, 41.8383, -6.4473** is the 20% darker color. If you saturate the color by 10%, you get **35.1292, 61.6813, -10.8578**, and if you desaturate by 10%, it is **38.6278, 53.7030, -13.0613**.

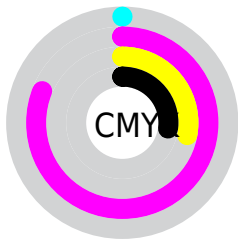
Distribution



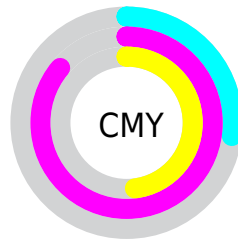
- Red (73%)
- Green (14%)
- Blue (52%)



- Red (73%)
- Yellow (14%)
- Blue (52%)



- Cyan (0%)
- Magenta (81%)
- Yellow (28%)
- Black (27%)



- Cyan (27%)
- Magenta (86%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 36.5166, 58.7131, -12.4999 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 36.5166, 58.7131, -12.4999 by changing the saturation by 10% instead.

36.5166, 58.7131,
-12.4999

36.5166, 58.7131,
-12.4999

145.9643, 75.4795,
-12.8528

27.6765, 56.4955,
-12.1434

56.4844, 63.0683,
-12.9977

19.6929, 54.4300,
-11.7255

67.5040, 65.1272,
-13.1460

12.6712, 52.9437,
-11.2835

79.1593, 67.0893,
-13.2319

6.0114, 63.1308,
-13.4987

91.4176, 68.9529,
-13.2594

0.0000, INF, -NF

0.0000, NaN, NaN

104.2505, 70.7201,
-13.2321

0.0000, NaN, NaN

117.6334, 72.3942,

0.0000, NaN, NaN

-13.1533

0.0000, NaN, NaN

131.5444, 73.9793,
-13.0260

■ 36.5166, 58.7131,
-12.4999

■ 36.5166, 58.7131,
-12.4999

■ 35.1292, 61.6813,
-10.8578

■ 38.6278, 53.7030,
-13.0613

■ 34.3694, 62.8544,
-8.7664

■ 41.4468, 47.0816,
-12.5718

■ 44.9170, 39.3850,
-11.1778

■ 48.9609, 31.0943,
-9.0710

■ 53.4983, 22.5598,
-6.4328

■ 58.4561, 14.0010,
-3.4099

■ 63.7718, 5.5385,
-0.1115

■ 69.3934, -2.7720,
3.3853

■ 75.2787, -10.9138,
7.0273

Harmonies

Analogous

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



36.5176, 39.6219, -49.2204



36.5166, 58.7131, -12.4999



36.5176, 58.8252, 12.0566

Triad

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



36.5176, 58.7101, -12.4986



36.5176, -13.7148, 24.5156



36.5176, -30.7028, -48.8117

Complementary

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



36.5166, 58.7131, -12.4999



60.1500, -45.8681, 27.1582

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.



36.5176, -38.3814, -12.1432



36.5166, 58.7131, -12.4999



36.5176, -30.5711, 22.0393

Square

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



36.5176, 58.7101, -12.4986



36.5176, 11.8329, 24.5042



36.5176, -38.3410, 12.2345



36.5176, -13.9510, -78.1944

Rectangle

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



36.5166, 58.7131, -12.4999



36.5176, 47.8484, 19.8909



36.5176, -38.3410, 12.2345



36.5176, -34.1975, -36.1324

Sweetspot

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



36.5176, 58.7101, -12.4986



76.4942, 22.5521, -5.9481



26.1068, 46.4478, -88.6006



34.7738, 12.5217, -3.4764



97.7295, -5.2146, 5.3098



44.2712, -2.3622, 2.4053

Same Dimension

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



36.5176, 58.7101, -12.4986



46.4857, 84.1781, -12.1641



34.5600, 51.1149, 15.4008



30.1790, 1.8588, 0.2430



28.2165, 51.6478, -7.5519



5.4030, 10.0735, -2.8705

Inverse Universe

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



36.5176, 58.7101, -12.4986



46.4857, 84.1781, -12.1641



61.7515, -36.1033, 3.9908



30.1790, 1.8588, 0.2430



28.2165, 51.6478, -7.5519



5.4030, 10.0735, -2.8705

Previews

White Background



This preview shows how the HunterLab color 36.5166, 58.7131, -12.4999 looks on a white background.

Color Contrast Check

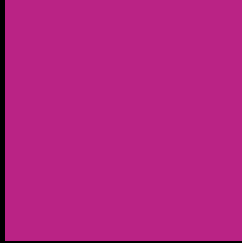
Large Text (above 18pt) WCAG AA ✓ Pass

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 36.5166, 58.7131, -12.4999 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

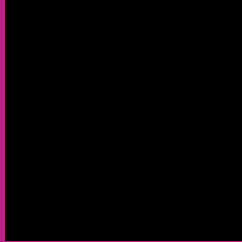
Any Text WCAG AA × Fail

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 36.5166, 58.7131, -12.4999 Background



This preview shows how black text looks on a background with the HunterLab color 36.5166, 58.7131, -12.4999.



This preview shows how white text looks on a background with the HunterLab color 36.5166, 58.7131, -12.4999.

-12.4999.

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

36.5166, 58.7131, -12.4999

Protanopia

37.1979, 8.3658, -46.6117

Deuteranopia

36.9751, 2.6327, -8.2814



Tritanopia

36.6256, 41.0253, 15.6741

Trichromacy



Original Color

36.5166, 58.7131, -12.4999

Protanomaly

33.6201, 24.9733, -40.7849

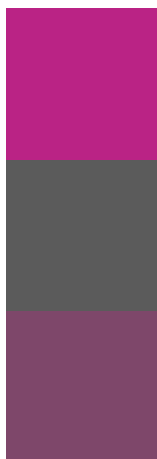
Deuteranomaly

34.4279, 23.8634, -13.5378

Tritanomaly

36.2485, 47.2335, 8.0618

Monochromacy



Original Color

36.5166, 58.7131, -12.4999

Achromatopsia

32.3445, -1.7258, 1.7573

Achromatomaly

31.5954, 20.7450, -5.7557

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 36.5166, 58.7131, -12.4999 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(186, 35, 133)` looks like.

```
.text, #text, p{  
    color:rgb(186, 35, 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(186, 35, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 35, 133) }
```

Border

The CSS property to change the border of an element to HunterLab 36.5166, 58.7131, -12.4999 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(186, 35, 133) }
```


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

```
.border{ border-color:rgb(186, 35, 133) }
```

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

Here you see how a box with a 4 pixel rgb(186, 35, 133) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 35, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 35, 133);  
box-shadow:4px 4px 4px 4px rgb(186, 35,  
133) }
```

Background

The CSS property to change the background color of an element to HunterLab 36.5166, 58.7131, -12.4999 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 35, 133) }
```

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

```
.background{ background-color: rgb(186, 35,  
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