

Converting Colors

HunterLab(36.1167, 61.2240,
-44.9596)

Have a look what the booklet for
HunterLab(36.1167, 61.2240,
-44.9596) contains.

HunterLab(36.1158, 61.2229, -44.9588)	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(36.1158, 61.2229,
-44.9588)**

Conversions

Conversions Part 1

Format	Color
Hex	AA25B1
RGB	170, 37, 177
RGB Percent	67%, 15%, 69%
CMY	0.3333, 0.8549, 0.3059
CMYK	0.04, 0.79, 0.00, 0.31
HSL	297°, 65%, 42%
HSV	297°, 79%, 69%
XYZ	25.1749, 13.0435, 42.7858
YIQ	92.7270, 34.3280, 71.7360

Conversions

Conversions Part 2

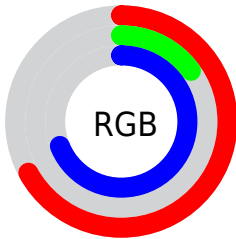
Format	Color
R_{YB}	170, 37, 177
Decimal	11150769
CIE _{Lab}	42.83, 67.53, -45.06
CIE _{LCh}	43, 81.184, 326.287
Yxy	13.0441, 0.3108, 0.1610
Android (android.graphics.Color)	4289340849 (0xFFAA25B1)
YUV	92.7270, 41.5466, 67.7684
Hunter-Lab	36.1158, 61.2229, -44.9588

Details

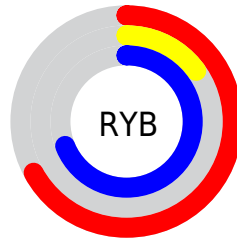
The HunterLab color **36.1158, 61.2229, -44.9588** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **56.6689, -45.3228, 32.2939**, and the grayscale version is **32.8272, -1.7516, 1.7836**.

A 20% lighter version of the original color is **56.0936, 65.6643, -45.7696**, and **22.2844, 44.6928, -36.2205** is the 20% darker color. If you saturate the color by 10%, you get **34.7828, 65.1740, -48.3282**, and if you desaturate by 10%, it is **38.1105, 55.3556, -40.2586**.

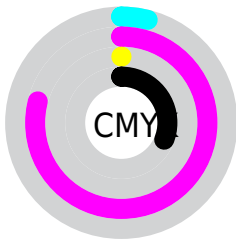
Distribution



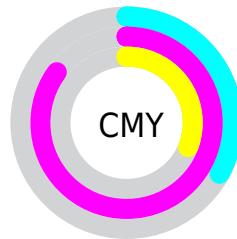
- Red (67%)
- Green (15%)
- Blue (69%)



- Red (67%)
- Yellow (15%)
- Blue (69%)



- Cyan (4%)
- Magenta (79%)
- Yellow (0%)
- Black (31%)



- Cyan (33%)
- Magenta (85%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 36.1158, 61.2229, -44.9588 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 36.1158, 61.2229, -44.9588 by changing the saturation by 10% instead.

36.1158, 61.2229,
-44.9588

36.1158, 61.2229,
-44.9588

145.3272, 78.5884,
-50.7015

27.3110, 58.9832,
-44.6793

56.0205, 65.6862,
-46.1646

19.3668, 56.9443,
-44.9954

67.0116, 67.8110,
-46.8722

12.3900, 55.6067,
-46.7575

78.6400, 69.8423,
-47.5848

5.5969, 69.9297,
-63.2612

90.8727, 71.7770,
-48.2800

0.0000, INF, -NF

0.0000, NaN, -NF

103.6812, 73.6158,
-48.9451

0.0000, NaN, NaN

117.0406, 75.3614,

0.0000, NaN, NaN

-49.5727

0.0000, NaN, NaN

130.9291, 77.0177,
-50.1589

■ 36.1158, 61.2229,
-44.9588

■ 36.1158, 61.2229,
-44.9588

■ 34.7828, 65.1740,
-48.3282

■ 38.1105, 55.3556,
-40.2586

■ 33.9992, 67.2973,
-50.4080

■ 40.7513, 48.0146,
-34.5665

■ 33.9349, 67.4685,
-50.5821

■ 43.9884, 39.7197,
-28.2634

■ 47.7544, 30.9267,
-21.6755

■ 51.9788, 21.9653,
-15.0322

■ 56.5964, 13.0417,
-8.4721

■ 61.5505, 4.2676,
-2.0658

■ 66.7936, -4.3077,
4.1602

■ 72.2868, -12.6724,
10.2044

Harmonies

Analogous

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



36.1166, 28.0048, -92.8686



36.1158, 61.2229, -44.9588



36.1166, 77.5619, -1.8513

Triad

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



36.1166, 61.2213, -44.9571



36.1166, 1.9623, 25.2816



36.1166, -40.9986, -32.6546

Complementary

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



36.1158, 61.2229, -44.9588



56.6689, -45.3228, 32.2939

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.



36.1166, -43.8935, 5.4072



36.1158, 61.2229, -44.9588



36.1166, -24.4719, 25.1605

Square

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



36.1166, 61.2213, -44.9571



36.1166, 36.8853, 24.5571



36.1166, -39.0042, 21.2796



36.1166, -29.1339, -82.4908

Rectangle

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



36.1158, 61.2229, -44.9588



36.1166, 73.7011, 14.4060



36.1166, -39.0042, 21.2796



36.1166, -42.8384, -17.5226

Sweetspot

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



36.1166, 61.2213, -44.9571



72.3944, 23.7860, -15.9852



23.1725, 33.3978, -91.5636



32.7167, 13.0125, -8.8695



94.3401, -5.0338, 5.1257



41.3092, -2.2042, 2.2444

Same Dimension

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



36.1166, 61.2213, -44.9571



45.7532, 89.3725, -66.7784



34.4756, 52.6980, -5.2133



29.3678, 2.1375, -1.0584



28.8991, 57.4487, -43.0166



5.1897, 10.2818, -7.4554

Inverse Universe

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



32.9433, 46.6429, 16.8264



41.2918, 69.2989, 25.5397



57.2347, -41.5724, 22.0493



29.1752, 1.0278, 2.2670



26.0558, 44.6858, 16.3380



4.6463, 8.0170, 2.5362

Previews

White Background



This preview shows how the HunterLab color 36.1158, 61.2229, -44.9588 looks on a white background.

Color Contrast Check

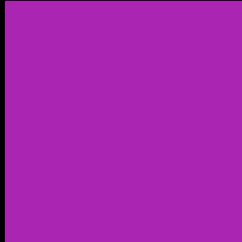
Large Text (above 18pt) WCAG AA ✓ Pass

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 36.1158, 61.2229, -44.9588 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

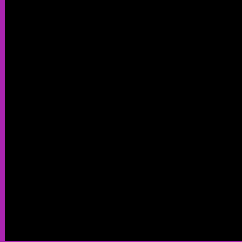
Any Text WCAG AA × Fail

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 36.1158, 61.2229, -44.9588 Background



This preview shows how black text looks on a background with the HunterLab color 36.1158, 61.2229, -44.9588.



This preview shows how white text looks on a background with the HunterLab color 36.1158, 61.2229, -44.9588.

-44.9588.

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

36.1158, 61.2229, -44.9588

Protanopia

36.5223, 13.6801, -75.1811

Deuteranopia

36.7187, 2.5839, -36.3614



Tritanopia

36.2407, 27.0471, 10.0692

Trichromacy



Original Color

36.1158, 61.2229, -44.9588



Protanomaly

31.9754, 25.8206, -77.7921



Deuteranomaly

33.6139, 23.5571, -46.8328



Tritanomaly

35.3451, 39.0456, -5.2537

Monochromacy



Original Color

36.1158, 61.2229, -44.9588



Achromatopsia

33.0850, -1.7653, 1.7976



Achromatomaly

32.0707, 21.2737, -15.1188

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 36.1158, 61.2229, -44.9588 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(170, 37, 177)` looks like.

```
.text, #text, p{  
    color:rgb(170, 37, 177)  
}
```

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(170, 37, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 37, 177) }
```

Border

The CSS property to change the border of an element to HunterLab 36.1158, 61.2229, -44.9588 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(170, 37, 177) }
```


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

```
.border{ border-color:rgb(170, 37, 177) }
```

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

Here you see how a box with a 4 pixel rgb(170, 37, 177) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 37, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 37, 177);  
box-shadow:4px 4px 4px 4px rgb(170, 37,  
177) }
```

Background

The CSS property to change the background color of an element to HunterLab 36.1158, 61.2229, -44.9588 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 37, 177) }
```

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

```
.background{ background-color: rgb(170, 37,  
177) }
```

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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