

Converting Colors

HunterLab(16.4915, 34.3705,
-36.8498)

Have a look what the booklet for
HunterLab(16.4915, 34.3705,
-36.8498) contains.

HunterLab(16.5088, 34.4496, -37.2222)	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(16.5088, 34.4496,
-37.2222)**

Conversions

Conversions Part 1

Format	Color
Hex	500069
RGB	80, 0, 105
RGB Percent	31%, 0%, 41%
CMY	0.6863, 1.0000, 0.5882
CMYK	0.24, 1.00, 0.00, 0.59
HSL	286°, 100%, 21%
HSV	286°, 100%, 41%
XYZ	5.8581, 2.7254, 13.5819
YIQ	35.8900, 13.9750, 49.6150

Conversions

Conversions Part 2

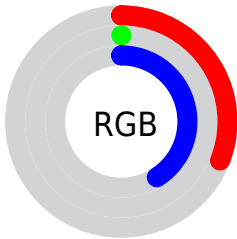
Format	Color
RYB	80, 0, 105
Decimal	5242985
CIELab	18.91, 47.03, -39.74
CIElCh	19, 61.577, 319.804
Yxy	2.7255, 0.2643, 0.1230
Android (android.graphics.Color)	4283433065 (0xFF500069)
YUV	35.8900, 34.0712, 38.6845
Hunter-Lab	16.5088, 34.4496, -37.2222

Details

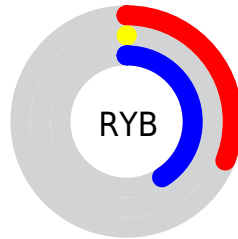
The HunterLab color **16.5088, 34.4496, -37.2222** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **32.1090, -25.8791, 19.3323**, and the grayscale version is **13.1396, -0.7011, 0.7139**.

A 20% lighter version of the original color is **32.4789, 38.3649, -37.5451**, and **7.8660, 17.2262, -24.0283** is the 20% darker color. If you saturate the color by 10%, you get **16.5089, 34.4498, -37.2221**, and if you desaturate by 10%, it is **17.5054, 32.4562, -33.9105**.

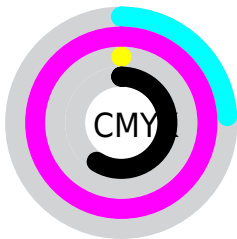
Distribution



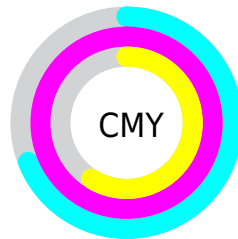
- Red (31%)
- Green (0%)
- Blue (41%)



- Red (31%)
- Yellow (0%)
- Blue (41%)



- Cyan (24%)
- Magenta (100%)
- Yellow (0%)
- Black (59%)



- Cyan (69%)
- Magenta (100%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 16.5088, 34.4496, -37.2222 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 16.5088, 34.4496, -37.2222 by changing the saturation by 10% instead.

■ 16.5088, 34.4496,
-37.2222

■ 16.5088, 34.4496,
-37.2222

■ 111.7390, 48.1823,
-41.6753

■ 9.9507, 32.7941,
-38.8847

■ 32.5673, 38.1817,
-37.3751

0.0000, INF, -NF

0.0000, NaN, -NF

■ 41.8575, 39.9381,
-37.9425

0.0000, NaN, -NF

■ 51.8939, 41.5806,
-38.5935

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 62.6247, 43.1082,
-39.2638

0.0000, NaN, NaN


■ 74.0075, 44.5255,
-39.9207

0.0000, NaN, NaN

■ 86.0070, 45.8391,


0.0000, NaN, NaN

-40.5470


 98.5929, 47.0559,
-41.1334


 16.5088, 34.4496,
-37.2222


 16.5088, 34.4496,
-37.2222


 16.5089, 34.4498,
-37.2221

 17.5054, 32.4562,
-33.9105

 18.6754, 30.0614,
-30.3958

 20.1911, 26.8188,
-26.3335

 22.0221, 23.0178,
-22.0087

 24.1293, 18.9097,
-17.6401

■ 26.4729, 14.6731,
-13.3628

■ 29.0178, 10.4182,
-9.2441

■ 31.7338, 6.2047,
-5.3071

■ 34.5964, 2.0604,
-1.5496

Harmonies

Analogous

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



16.5091, 12.4581, -69.0064



16.5088, 34.4496, -37.2222



16.5091, 48.4222, -6.0038

Triad

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



16.5091, 34.4494, -37.2213



16.5091, 5.6569, 11.5564



16.5091, -22.6697, -14.4688

Complementary

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



16.5088, 34.4496, -37.2222



32.1090, -25.8791, 19.3323

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.



16.5091, -23.3742, 5.7037



16.5088, 34.4496, -37.2222



16.5091, -10.9912, 11.5564

Square

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



16.5091, 34.4494, -37.2213



16.5091, 27.6891, 11.5564



16.5091, -19.7926, 11.5564



16.5091, -17.7294, -48.6983

Rectangle

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



16.5088, 34.4496, -37.2222



16.5091, 48.5028, 5.5545



16.5091, -19.7926, 11.5564



16.5091, -23.3935, -5.6977

Sweetspot

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



16.5091, 34.4494, -37.2213



38.5254, 14.4325, -12.8376



13.3039, 15.9612, -51.0837



18.1357, 7.8217, -7.0149



74.4461, -3.9723, 4.0448



24.3420, -1.2988, 1.3225

Same Dimension

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



16.5091, 34.4494, -37.2213



21.9646, 45.9295, -50.2597



18.8791, 35.3013, -10.8304



17.6901, 0.8335, -0.5971



18.5303, 38.7028, -42.0489



41.3330, 86.7039, -96.6998

Inverse Universe

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



17.5314, 30.4228, 8.2248



23.4229, 40.5761, 11.5412



31.9044, -26.5107, 17.3516



17.6848, 0.6096, 0.9909



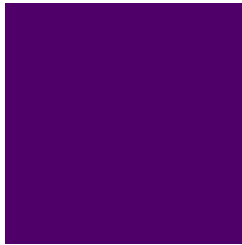
19.7135, 34.1835, 9.4552



44.3677, 76.6761, 23.2814

Previews

White Background



This preview shows how the HunterLab color 16.5088, 34.4496, -37.2222 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 16.5088, 34.4496, -37.2222 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

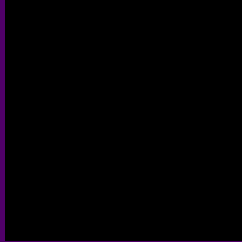
Any Text WCAG AA × Fail

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 16.5088, 34.4496, -37.2222 Background



This preview shows how black text looks on a background with the HunterLab color 16.5088, 34.4496, -37.2222.



This preview shows how white text looks on a background with the HunterLab color 16.5088, 34.4496, -37.2222.

-37.2222.

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

16.5088, 34.4496, -37.2222

Protanopia

17.4742, 4.2116, -30.9330

Deuteranopia

17.5753, -0.4200, -21.0609



Tritanopia

17.6276, 8.0979, 2.9891

Trichromacy



Original Color

16.5088, 34.4496, -37.2222

Protanomaly

14.8341, 14.8923, -40.8409

Deuteranomaly

14.5618, 12.3793, -34.8916

Tritanomaly

16.0872, 18.1922, -8.7649

Monochromacy



Original Color

16.5088, 34.4496, -37.2222

Achromatopsia

13.2823, -0.7087, 0.7217

Achromatomaly

12.9606, 12.6436, -11.9888

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 16.5088, 34.4496, -37.2222 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(80, 0, 105)` looks like.

```
.text, #text, p{  
    color:rgb(80, 0, 105)  
}
```

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(80, 0, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 0, 105) }
```

Border

The CSS property to change the border of an element to HunterLab 16.5088, 34.4496, -37.2222 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(80, 0, 105) }
```


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

```
.border{ border-color:rgb(80, 0, 105) }
```

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

Here you see how a box with a 4 pixel rgb(80, 0, 105) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 0, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 0, 105);  
box-shadow:4px 4px 4px 4px rgb(80, 0, 105)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 16.5088, 34.4496, -37.2222 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 0, 105) }
```

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

```
.background{ background-color: rgb(80, 0,  
105) }
```

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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