

Converting Colors

HunterLab(36.1250, 33.5516,
-42.8752)

Have a look what the booklet for
HunterLab(36.1250, 33.5516,
-42.8752) contains.

HunterLab(36.1250, 33.5516, -42.8752)	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(36.1250, 33.5516,
-42.8752)**

Conversions

Conversions Part 1

Format	Color
Hex	834CAE
RGB	131, 76, 174
RGB Percent	51%, 30%, 68%
CMY	0.4863, 0.7020, 0.3176
CMYK	0.25, 0.56, 0.00, 0.32
HSL	274°, 39%, 49%
HSV	274°, 56%, 68%
XYZ	19.5845, 13.0502, 41.5311
YIQ	103.6170, 1.3220, 42.1380

Conversions

Conversions Part 2

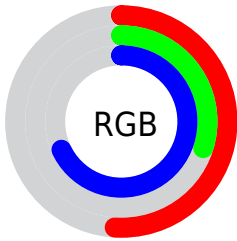
Format	Color
RYB	131, 76, 174
Decimal	8604846
CIELab	42.84, 41.71, -43.60
CIElCh	43, 60.333, 313.729
Yxy	13.0507, 0.2641, 0.1760
Android (android.graphics.Color)	4286794926 (0xFF834CAE)
YUV	103.6170, 34.6988, 24.0149
Hunter-Lab	36.1250, 33.5516, -42.8752

Details

The HunterLab color $36.1250, 33.5516, -42.8752$ is a dark color, and the websafe version is hex $9966CC$. A complement of this color would be $58.9203, -30.2552, 28.8960$, and the grayscale version is $36.9350, -1.9708, 2.0067$.

A 20% lighter version of the original color is $55.9741, 36.3713, -44.1700$, and $19.4526, 30.0534, -42.6215$ is the 20% darker color. If you saturate the color by 10%, you get $32.2200, 40.0373, -53.1337$, and if you desaturate by 10%, it is $40.5133, 26.8113, -33.1706$.

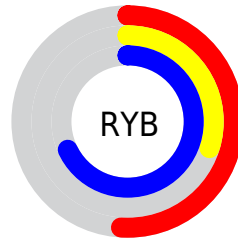
Distribution



Red (51%)

Green (30%)

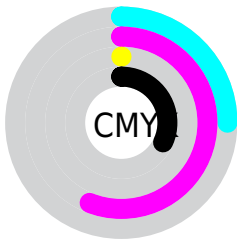
Blue (68%)



Red (51%)

Yellow (30%)

Blue (68%)

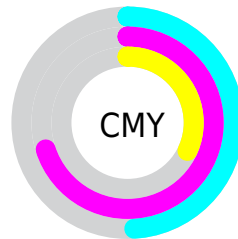


Cyan (25%)

Magenta (56%)

Yellow (0%)

Black (32%)



Cyan (49%)

Magenta (70%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 36.1250, 33.5516, -42.8752 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 36.1250, 33.5516, -42.8752 by changing the saturation by 10% instead.

36.1250, 33.5516,
-42.8752

36.1250, 33.5516,
-42.8752

145.3417, 43.5205,
-48.4947

27.3193, 31.9057,
-42.5373

56.0310, 36.4779,
-44.1111

19.3742, 30.1587,
-42.7300

67.0227, 37.7665,
-44.8115

12.3964, 28.4023,
-44.2268

78.6518, 38.9488,
-45.5087

5.6067, 35.1376,
-59.4542

90.8851, 40.0327,
-46.1832

0.0000, INF, -NF

0.0000, NaN, -NF

103.6941, 41.0257,
-46.8240

0.0000, NaN, NaN

117.0541, 41.9341,

0.0000, NaN, NaN

-47.4247

0.0000, NaN, NaN

130.9431, 42.7640,
-47.9822

■ 36.1250, 33.5516,
-42.8752

■ 36.1250, 33.5516,
-42.8752

■ 32.2200, 40.0373,
-53.1337

■ 40.5133, 26.8113,
-33.1706

■ 28.8975, 45.8339,
-63.5521

■ 45.2964, 20.0577,
-24.1531

■ 26.2592, 50.2931,
-73.3544

■ 50.4063, 13.4011,
-15.8073

■ 24.3533, 52.7874,
-81.5611

■ 55.7895, 6.8801,
-8.0594

■ 23.7350, 53.5221,
-84.4688

■ 61.4049, 0.4973,
-0.8192

■ 67.2206, -5.7604,
5.9999

■ 73.2115, -11.9117,
12.4741

■ 79.3580, -17.9760,
18.6671

■ 85.6440, -23.9712,
24.6316

Harmonies

Analogous

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



36.1257, 9.0489, -66.3035



36.1250, 33.5516, -42.8752



36.1257, 50.3781, -11.7419

Triad

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



36.1257, 33.5511, -42.8739



36.1257, 11.1606, 23.4454



36.1257, -35.3577, -9.3685

Complementary

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



36.1250, 33.5516, -42.8752



58.9203, -30.2552, 28.8960

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.



36.1257, -35.0598, 11.7897



36.1250, 33.5516, -42.8752



36.1257, -11.7357, 23.5320

Square

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



36.1257, 33.5511, -42.8739



36.1257, 35.4230, 20.5250



36.1257, -27.4660, 20.9634



36.1257, -28.4152, -40.2411

Rectangle

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



36.1250, 33.5516, -42.8752



36.1257, 52.9001, 4.5695



36.1257, -27.4660, 20.9634



36.1257, -36.0363, -0.8461

Sweetspot

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



36.1257, 33.5511, -42.8739



74.4125, 10.1189, -11.8454



42.4852, -1.4565, -29.7303



34.4030, 5.5755, -6.5265



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.



36.1257, 33.5511, -42.8739



42.0170, 56.3029, -75.6212



41.2750, 45.4473, -27.7612



28.2321, 1.1282, -1.3852



20.3017, 45.6850, -71.5131



3.8252, 8.1627, -10.0238

Inverse Universe

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



39.3698, 37.0609, -1.3754



47.8978, 60.6968, -0.2967



56.9223, -38.1565, 26.3189



28.4105, 1.4605, 0.9419



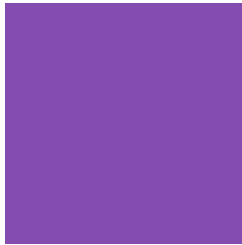
26.3065, 46.5464, 5.4037



4.5126, 8.2170, -0.8747

Previews

White Background



This preview shows how the HunterLab color 36.1250, 33.5516, -42.8752 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 36.1250, 33.5516, -42.8752 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

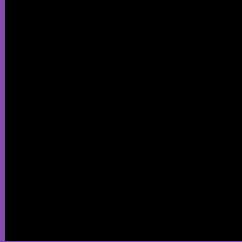
Any Text WCAG AA × Fail

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 36.1250, 33.5516, -42.8752 Background



This preview shows how black text looks on a background with the HunterLab color 36.1250, 33.5516, -42.8752.



This preview shows how white text looks on a background with the HunterLab color 36.1250, 33.5516, -42.8752.

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

36.1250, 33.5516, -42.8752

Protanopia

36.4093, 11.6376, -62.4051

Deuteranopia

36.3829, 3.0542, -38.6968



Tritanopia

36.1465, 6.3642, 1.7659

Trichromacy



Original Color

36.1250, 33.5516, -42.8752

Protanomaly

35.3266, 17.5778, -57.7745

Deuteranomaly

35.5722, 12.6228, -42.0764

Tritanomaly

35.7056, 15.2748, -11.6423

Monochromacy



Original Color

36.1250, 33.5516, -42.8752

Achromatopsia

37.2064, -1.9852, 2.0215

Achromatomaly

36.2875, 9.8134, -11.4023

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 36.1250, 33.5516, -42.8752 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(131, 76, 174)` looks like.

```
.text, #text, p{  
    color:rgb(131, 76, 174)  
}
```

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(131, 76, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 76, 174) }
```

Border

The CSS property to change the border of an element to HunterLab 36.1250, 33.5516, -42.8752 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(131, 76, 174) }
```


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

```
.border{ border-color:rgb(131, 76, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 76, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(131, 76, 174); -webkit-box-shadow:4px 4px 4px 4px rgb(131, 76, 174); box-shadow:4px 4px 4px 4px rgb(131, 76, 174) }
```

Background

The CSS property to change the background color of an element to HunterLab 36.1250, 33.5516, -42.8752 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 76, 174) }
```

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

```
.background{ background-color: rgb(131, 76,  
174) }
```

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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