

Converting Colors

HunterLab(36.2744, 35.9354,
-37.6200)

Have a look what the booklet for
HunterLab(36.2744, 35.9354,
-37.6200) contains.

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Color

**HunterLab(36.1680, 35.8954,
-37.8141)**

Conversions

Conversions Part 1

Format	Color
Hex	8B49A8
RGB	139, 73, 168
RGB Percent	55%, 29%, 66%
CMY	0.4549, 0.7137, 0.3412
CMYK	0.17, 0.57, 0.00, 0.34
HSL	282°, 39%, 47%
HSV	282°, 57%, 66%
XYZ	20.0979, 13.0812, 38.5115
YIQ	103.5640, 8.8410, 43.5370

Conversions

Conversions Part 2

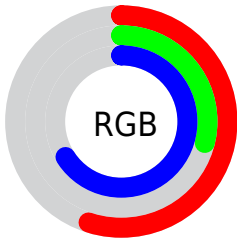
Format	Color
R_{YB}	139, 73, 168
Decimal	9128360
CIE _{Lab}	42.89, 44.06, -39.91
CIE _{LCh}	43, 59.452, 317.829
Yxy	13.0818, 0.2803, 0.1825
Android (android.graphics.Color)	4287318440 (0xFF8B49A8)
YUV	103.5640, 31.7669, 31.0774
Hunter-Lab	36.1680, 35.8954, -37.8141

Details

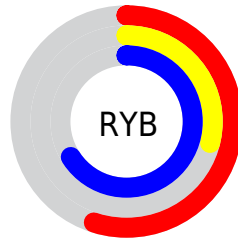
The HunterLab color $[36.1680, 35.8954, -37.8141]$ is a dark color, and the websafe version is hex $9966CC$. A complement of this color would be $[55.9566, -31.9392, 27.2417]$, and the grayscale version is $[36.9238, -1.9702, 2.0061]$.

A 20% lighter version of the original color is $[56.0350, 39.4504, -39.3983]$, and $[19.3715, 32.4485, -37.1384]$ is the 20% darker color. If you saturate the color by 10%, you get $[32.7615, 42.3924, -46.1143]$, and if you desaturate by 10%, it is $[40.0591, 28.9598, -29.6393]$.

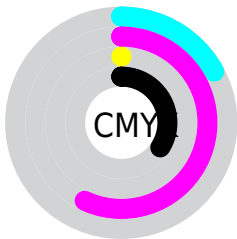
Distribution



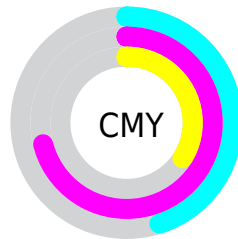
- Red (55%)
- Green (29%)
- Blue (66%)



- Red (55%)
- Yellow (29%)
- Blue (66%)



- Cyan (17%)
- Magenta (57%)
- Yellow (0%)
- Black (34%)



- Cyan (45%)
- Magenta (71%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 36.1680, 35.8954, -37.8141 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 36.1680, 35.8954, -37.8141 by changing the saturation by 10% instead.

36.1680, 35.8954,
-37.8141

36.1680, 35.8954,
-37.8141

145.4101, 46.6177,
-43.0328

27.3585, 34.1699,
-37.3580

56.0809, 38.9935,
-39.0879

19.4091, 32.3581,
-37.2863

67.0756, 40.3692,
-39.7576

12.4265, 30.5744,
-38.1959

78.7076, 41.6377,
-40.4064

5.6526, 37.5345,
-50.3896

90.9436, 42.8065,
-41.0207

0.0000, INF, -NF

0.0000, NaN, -NF

103.7553, 43.8828,
-41.5932

0.0000, NaN, NaN

117.1177, 44.8730,

0.0000, NaN, NaN

-42.1203

0.0000, NaN, NaN

131.0092, 45.7829,
-42.6002

■ 36.1680, 35.8954,
-37.8141

■ 36.1680, 35.8954,
-37.8141

■ 32.7615, 42.3924,
-46.1143

■ 40.0591, 28.9598,
-29.6393

■ 29.9199, 47.9952,
-54.1346

■ 44.3553, 21.8838,
-21.8051

■ 27.7144, 52.1253,
-61.2633

■ 48.9912, 14.8307,
-14.3860

■ 26.1515, 54.3577,
-66.9240

■ 53.9133, 7.8787,
-7.3815

■ 25.6701, 54.9740,
-68.7849

■ 59.0791, 1.0559,
-0.7556

■ 64.4546, -5.6359,
5.5403

■ 70.0131, -12.2074,
11.5559

■ 75.7333, -18.6741,
17.3369

■ 81.5976, -25.0529,
22.9233

Harmonies

Analogous

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



36.1687, 12.2398, -62.8918



36.1680, 35.8954, -37.8141



36.1687, 50.6057, -7.7907

Triad

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



36.1687, 35.8946, -37.8128



36.1687, 7.6154, 23.4927



36.1687, -34.5076, -12.9763

Complementary

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



36.1680, 35.8954, -37.8141



55.9566, -31.9392, 27.2417

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.



36.1687, -35.1676, 9.5929



36.1680, 35.8954, -37.8141



36.1687, -14.2098, 23.2943

Square

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



36.1687, 35.8946, -37.8128



36.1687, 31.8068, 21.0842



36.1687, -28.6627, 20.0992



36.1687, -26.5664, -43.5339

Rectangle

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



36.1680, 35.8954, -37.8141



36.1687, 51.4647, 7.1223



36.1687, -28.6627, 20.0992



36.1687, -35.5035, -4.0761

Sweetspot

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



36.1687, 35.8946, -37.8128



72.1056, 11.3247, -10.6475



37.3648, 4.7154, -35.6777



33.0646, 6.1130, -5.7923



92.0917, -4.9138, 5.0035



39.3538, -2.0998, 2.1382

Same Dimension

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



36.1687, 35.8946, -37.8128



43.0186, 59.2952, -65.1066



39.1296, 41.3866, -19.2592



27.4773, 1.3885, -1.2093



22.3694, 47.8521, -59.5272



3.8301, 7.9153, -8.0379

Inverse Universe

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



37.4829, 34.0754, 3.8091



45.5664, 55.9553, 7.6780



54.9249, -35.6251, 22.6779



27.5293, 1.2441, 1.3386



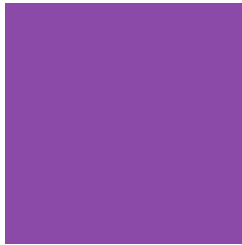
25.4503, 44.3333, 10.6401



4.0817, 7.3243, 0.0458

Previews

White Background



This preview shows how the HunterLab color 36.1680, 35.8954, -37.8141 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 36.1680, 35.8954, -37.8141 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

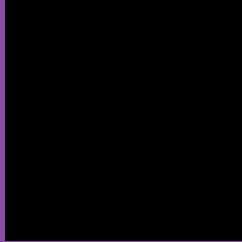
Any Text WCAG AA × Fail

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 36.1680, 35.8954, -37.8141 Background



This preview shows how black text looks on a background with the HunterLab color 36.1680, 35.8954, -37.8141.



This preview shows how white text looks on a background with the HunterLab color 36.1680, 35.8954, -37.8141.

-37.8141.

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

36.1680, 35.8954, -37.8141

Protanopia

36.6770, 10.7780, -58.7691

Deuteranopia

36.4756, 2.6617, -33.0399



Tritanopia

35.9906, 10.6560, 3.3279

Trichromacy



Original Color

36.1680, 35.8954, -37.8141

Protanomaly

35.4498, 17.4580, -53.6943

Deuteranomaly

35.3407, 13.6946, -36.9065

Tritanomaly

35.6037, 19.2194, -8.9301

Monochromacy



Original Color

36.1680, 35.8954, -37.8141

Achromatopsia

37.2064, -1.9852, 2.0215

Achromatomaly

36.2532, 10.8126, -10.3092

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 36.1680, 35.8954, -37.8141 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(139, 73, 168)` looks like.

```
.text, #text, p{  
    color:rgb(139, 73, 168)  
}
```

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(139, 73, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 73, 168) }
```

Border

The CSS property to change the border of an element to HunterLab 36.1680, 35.8954, -37.8141 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(139, 73, 168) }
```


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

```
.border{ border-color:rgb(139, 73, 168) }
```

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

Here you see how a box with a 4 pixel rgb(139, 73, 168) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 73, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 73, 168);  
box-shadow:4px 4px 4px 4px rgb(139, 73,  
168) }
```

Background

The CSS property to change the background color of an element to HunterLab 36.1680, 35.8954, -37.8141 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 73, 168) }
```

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

```
.background{ background-color: rgb(139, 73,  
168) }
```

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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