

Converting Colors

HunterLab(18.1520, 38.2002,
-43.4192)

Have a look what the booklet for
HunterLab(18.1520, 38.2002,
-43.4192) contains.

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Color

**HunterLab(18.1950, 38.2181,
-42.9599)**

Conversions

Conversions Part 1

Format	Color
Hex	570075
RGB	87, 0, 117
RGB Percent	34%, 0%, 46%
CMY	0.6588, 1.0000, 0.5412
CMYK	0.26, 1.00, 0.00, 0.54
HSL	285°, 100%, 23%
HSV	285°, 100%, 46%
XYZ	7.1413, 3.3106, 17.0922
YIQ	39.3510, 14.2950, 54.8310

Conversions

Conversions Part 2

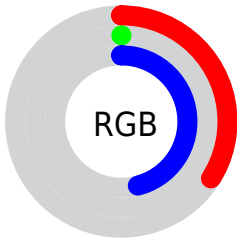
Format	Color
RYB	87, 0, 117
Decimal	5701749
CIELab	21.25, 50.44, -43.67
CIElCh	21, 66.714, 319.113
Yxy	3.3107, 0.2593, 0.1202
Android (android.graphics.Color)	4283891829 (0xFF570075)
YUV	39.3510, 38.2810, 41.7882
Hunter-Lab	18.1950, 38.2181, -42.9599

Details

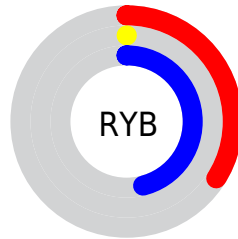
The HunterLab color **18.1950, 38.2181, -42.9599** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **36.0536, -28.9483, 21.7092**, and the grayscale version is **14.2347, -0.7595, 0.7734**.

A 20% lighter version of the original color is **34.6558, 42.1739, -42.9699**, and **9.0037, 20.0544, -30.1135** is the 20% darker color. If you saturate the color by 10%, you get **18.1951, 38.2183, -42.9596**, and if you desaturate by 10%, it is **19.2714, 36.2561, -39.2682**.

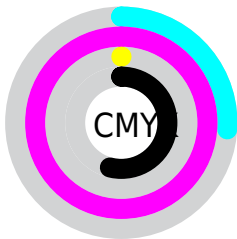
Distribution



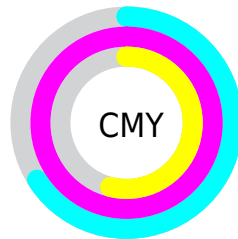
- Red (34%)
- Green (0%)
- Blue (46%)



- Red (34%)
- Yellow (0%)
- Blue (46%)



- Cyan (26%)
- Magenta (100%)
- Yellow (0%)
- Black (54%)



- Cyan (66%)
- Magenta (100%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 18.1950, 38.2181, -42.9599 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 18.1950, 38.2181, -42.9599 by changing the saturation by 10% instead.

18.1950, 38.2181,
-42.9599

18.1950, 38.2181,
-42.9599

114.8913, 52.7332,
-47.4361

11.3843, 36.4906,
-44.8285

34.6696, 42.0906,
-42.9009

3.7164, 64.4499,
-83.2856

44.1396, 43.9303,
-43.4433

0.0000, INF, -NF

0.0000, NaN, -NF

54.3426, 45.6615,
-44.1009

0.0000, NaN, NaN

65.2294, 47.2812,
-44.7994

0.0000, NaN, NaN

76.7593, 48.7924,
-45.4995

0.0000, NaN, NaN

0.0000, NaN, NaN

88.8985, 50.2008,

-46.1796

0.0000, NaN, NaN

101.6176, 51.5123,
-46.8274

18.1950, 38.2181,
-42.9599

18.1950, 38.2181,
-42.9599

18.1951, 38.2183,
-42.9596

19.2714, 36.2561,
-39.2682

20.5924, 33.6531,
-35.1782

22.3143, 30.0556,
-30.4408

24.4015, 25.8053,
-25.4044

26.8071, 21.1993,
-20.3331

■ 29.4844, 16.4467,
-15.3865

■ 32.3920, 11.6748,
-10.6407

■ 35.4947, 6.9511,
-6.1187

■ 38.7642, 2.3062,
-1.8143

Harmonies

Analogous

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



18.1953, 13.4210, -78.6601



18.1950, 38.2181, -42.9599



18.1953, 54.3364, -7.3689

Triad

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



18.1953, 38.2179, -42.9589



18.1953, 6.8817, 12.7367



18.1953, -25.0051, -15.5358

Complementary

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



18.1950, 38.2181, -42.9599



36.0536, -28.9483, 21.7092

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.



18.1953, -25.5983, 6.6366



18.1950, 38.2181, -42.9599



18.1953, -11.9358, 12.7367

Square

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



18.1953, 38.2179, -42.9589



18.1953, 31.6903, 12.7367



18.1953, -21.8825, 12.7367



18.1953, -19.9311, -54.1107

Rectangle

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



18.1950, 38.2181, -42.9599



18.1953, 54.7471, 5.8869



18.1953, -21.8825, 12.7367



18.1953, -25.6842, -5.8141

Sweetspot

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



18.1953, 38.2179, -42.9589



43.0339, 16.1175, -14.7218



15.0828, 17.4666, -56.5571



20.0084, 8.7357, -8.0502



77.7063, -4.1462, 4.2219



27.0627, -1.4440, 1.4704

Same Dimension

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



18.1953, 38.2179, -42.9589



24.2114, 50.9618, -57.9897



21.2487, 39.8384, -13.0133



19.2690, 0.9192, -0.6959



19.0789, 40.0900, -45.1651



41.6089, 87.8290, -101.5808

Inverse Universe

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



19.6868, 34.1898, 9.0301



26.3065, 45.6133, 12.6372



35.7815, -29.8790, 19.7767



19.2740, 0.7124, 1.0434



20.6587, 35.8673, 9.5607



45.4715, 78.6872, 23.0577

Previews

White Background



This preview shows how the HunterLab color 18.1950, 38.2181, -42.9599 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 18.1950, 38.2181, -42.9599 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

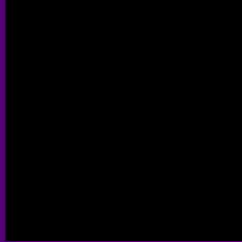
Any Text WCAG AA × Fail

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 18.1950, 38.2181, -42.9599 Background



This preview shows how black text looks on a background with the HunterLab color 18.1950, 38.2181, -42.9599.



This preview shows how white text looks on a background with the HunterLab color 18.1950, 38.2181, -42.9599.

-42.9599.

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

18.1950, 38.2181, -42.9599

Protanopia

19.2195, 4.8376, -34.4657

Deuteranopia

19.2131, -0.4384, -23.0682



Tritanopia

19.2672, 8.0824, 3.0722

Trichromacy



Original Color

18.1950, 38.2181, -42.9599

Protanomaly

16.2585, 17.0916, -46.6541

Deuteranomaly

16.0259, 13.4470, -38.3424

Tritanomaly

17.5460, 19.9947, -10.7301

Monochromacy



Original Color

18.1950, 38.2181, -42.9599

Achromatopsia

14.2438, -0.7600, 0.7739

Achromatomaly

13.9329, 13.9444, -13.7674

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 18.1950, 38.2181, -42.9599 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(87, 0, 117)` looks like.

```
.text, #text, p{  
    color:rgb(87, 0, 117)  
}
```

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(87, 0, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 0, 117) }
```

Border

The CSS property to change the border of an element to HunterLab 18.1950, 38.2181, -42.9599 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(87, 0, 117) }
```


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

```
.border{ border-color:rgb(87, 0, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 0, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 0, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 0, 117);  
box-shadow:4px 4px 4px 4px rgb(87, 0, 117)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 18.1950, 38.2181, -42.9599 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 0, 117) }
```

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

```
.background{ background-color: rgb(87, 0,  
117) }
```

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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