

Converting Colors

HunterLab(18.9596, 45.5071,
-88.8189)

Have a look what the booklet for
HunterLab(18.9596, 45.5071,
-88.8189) contains.

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Color

**HunterLab(18.9537, 45.4829,
-88.7130)**

Conversions

Conversions Part 1

Format	Color
Hex	41009E
RGB	65, 0, 158
RGB Percent	25%, 0%, 62%
CMY	0.7451, 1.0000, 0.3804
CMYK	0.59, 1.00, 0.00, 0.38
HSL	265°, 100%, 31%
HSV	265°, 100%, 62%
XYZ	8.3515, 3.5924, 32.6009
YIQ	37.4470, -11.9780, 62.9180

Conversions

Conversions Part 2

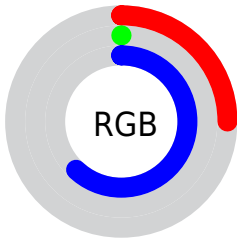
Format	Color
RYB	65, 0, 158
Decimal	4259998
CIELab	22.28, 57.31, -67.81
CIElCh	22, 88.778, 310.203
Yxy	3.5926, 0.1875, 0.0807
Android (android.graphics.Color)	4282450078 (0xFF41009E)
YUV	37.4470, 59.4326, 24.1640
Hunter-Lab	18.9537, 45.4829, -88.7130

Details

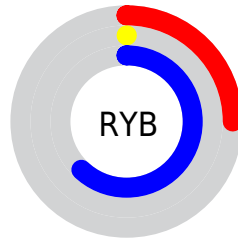
The HunterLab color **18.9537, 45.4829, -88.7130** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **51.7501, -32.8196, 31.3136**, and the grayscale version is **13.5636, -0.7237, 0.7369**.

A 20% lighter version of the original color is **35.5813, 49.6935, -83.2139**, and **10.0991, 27.3938, -71.7585** is the 20% darker color. If you saturate the color by 10%, you get **18.9542, 45.4834, -88.7107**, and if you desaturate by 10%, it is **20.7395, 42.9005, -78.9453**.

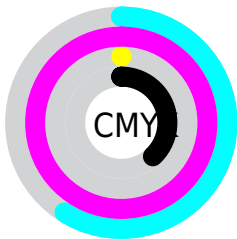
Distribution



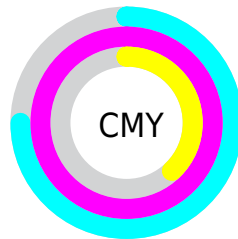
- Red (25%)
- Green (0%)
- Blue (62%)



- Red (25%)
- Yellow (0%)
- Blue (62%)



- Cyan (59%)
- Magenta (100%)
- Yellow (0%)
- Black (38%)



- Cyan (75%)
- Magenta (100%)
- Yellow (38%)
- Black (0%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 18.9537, 45.4829, -88.7130 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 18.9537, 45.4829, -88.7130 by changing the saturation by 10% instead.

18.9537, 45.4829,
-88.7130

18.9537, 45.4829,
-88.7130

116.2871, 61.7103,
-86.0494

12.0349, 43.8223,
-97.7537

35.6081, 49.5951,
-83.0726

5.0197, 59.3534,
-153.9701

45.1561, 51.6225,
-82.5030

0.0000, INF, -NF

55.4315, 53.5586,
-82.5572

0.0000, NaN, -NF

66.3862, 55.3916,
-82.9727

0.0000, NaN, -NF

77.9803, 57.1198,
-83.6024

0.0000, NaN, NaN

90.1803, 58.7459,

0.0000, NaN, NaN

-84.3583

0.0000, NaN, NaN

102.9576, 60.2744,
-85.1858

18.9537, 45.4829,
-88.7130

18.9537, 45.4829,
-88.7130

18.9542, 45.4834,
-88.7107

20.7395, 42.9005,
-78.9453

23.1232, 39.0313,
-68.0111

26.1838, 33.9980,
-56.5182

29.8035, 28.4749,
-45.4883

33.8715, 22.8644,
-35.3511

■ 38.2985, 17.3524,
-26.1747

■ 43.0166, 12.0026,
-17.8684

■ 47.9754, 6.8204,
-10.2951

■ 53.1372, 1.7878,
-3.3191

Harmonies

Analogous

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



18.9542, 9.0871, -140.3179



18.9537, 45.4829, -88.7130



18.9542, 76.7352, -24.4722

Triad

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



18.9542, 45.4834, -88.7107



18.9542, 19.9693, 13.2679



18.9542, -31.1828, -9.9653

Complementary

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



18.9537, 45.4829, -88.7130



51.7501, -32.8196, 31.3136

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.



18.9542, -30.2992, 11.4444



18.9537, 45.4829, -88.7130



18.9542, -9.3590, 13.2679

Square

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



18.9542, 45.4834, -88.7107



18.9542, 57.1641, 13.2679



18.9542, -24.2298, 13.2679



18.9542, -26.6840, -66.5365

Rectangle

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



18.9537, 45.4829, -88.7130



18.9542, 83.8441, 1.2055



18.9542, -24.2298, 13.2679



18.9542, -31.5054, 0.8563

Sweetspot

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



18.9542, 45.4834, -88.7107



57.5865, 16.5908, -24.7062



32.5839, -0.8935, -38.7981



26.1271, 9.2271, -13.7928



89.8524, -4.7943, 4.8819



37.4146, -1.9963, 2.0328

Same Dimension

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



18.9542, 45.4834, -88.7107



25.3245, 61.0707, -120.8566



28.7004, 57.7514, -48.1288



25.6161, 0.6767, -1.3468



17.0274, 40.7710, -79.0039



2.7563, 6.0028, -8.1609

Inverse Universe

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



28.3890, 51.4005, -3.2331



38.2037, 69.0751, -3.6090



49.5602, -41.9357, 29.8046



25.9005, 1.4594, 0.4176



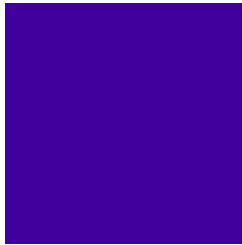
25.4218, 46.0564, -3.1142



3.5190, 6.5871, -2.0733

Previews

White Background



This preview shows how the HunterLab color 18.9537, 45.4829, -88.7130 looks on a white background.

Color Contrast Check

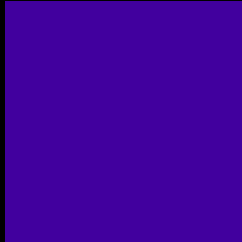
Large Text (above 18pt) WCAG AA ✓ Pass

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 18.9537, 45.4829, -88.7130 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

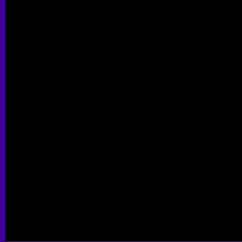
Any Text WCAG AA × Fail

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 18.9537, 45.4829, -88.7130 Background



This preview shows how black text looks on a background with the HunterLab color 18.9537, 45.4829, -88.7130.



This preview shows how white text looks on a background with the HunterLab color 18.9537, 45.4829, -88.7130.

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

18.9537, 45.4829, -88.7130

Protanopia

19.6297, 5.2627, -35.8961

Deuteranopia

19.7210, -1.2871, -21.8711



Tritanopia

19.8432, -7.2620, -3.3004

Trichromacy



Original Color

18.9537, 45.4829, -88.7130

Protanomaly

17.1754, 21.6780, -61.9407

Deuteranomaly

16.8797, 16.6518, -50.6103

Tritanomaly

16.7422, 11.7777, -31.2808

Monochromacy



Original Color

18.9537, 45.4829, -88.7130

Achromatopsia

13.6016, -0.7257, 0.7390

Achromatomaly

13.6077, 15.3312, -25.2648

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 18.9537, 45.4829, -88.7130 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(65, 0, 158)` looks like.

```
.text, #text, p{  
    color:rgb(65, 0, 158)  
}
```

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(65, 0, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 0, 158) }
```

Border

The CSS property to change the border of an element to HunterLab 18.9537, 45.4829, -88.7130 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(65, 0, 158) }
```


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

```
.border{ border-color:rgb(65, 0, 158) }
```

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

Here you see how a box with a 4 pixel rgb(65, 0, 158) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 0, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(65, 0, 158);  
box-shadow:4px 4px 4px 4px rgb(65, 0, 158)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 18.9537, 45.4829, -88.7130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 0, 158) }
```

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

```
.background{ background-color: rgb(65, 0,  
158) }
```

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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