

Converting Colors

HunterLab(20.7633, 50.1632,
-99.8011)

Have a look what the booklet for
HunterLab(20.7633, 50.1632,
-99.8011) contains.

HunterLab(20.6938, 50.0182, -99.6454)	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(20.6938, 50.0182,
-99.6454)**

Conversions

Conversions Part 1

Format	Color
Hex	4500AD
RGB	69, 0, 173
RGB Percent	27%, 0%, 68%
CMY	0.7294, 1.0000, 0.3216
CMYK	0.60, 1.00, 0.00, 0.32
HSL	264°, 100%, 34%
HSV	264°, 100%, 68%
XYZ	9.9971, 4.2823, 39.8348
YIQ	40.3530, -14.4090, 68.4310

Conversions

Conversions Part 2

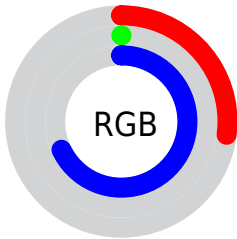
Format	Color
RYB	69, 0, 173
Decimal	4522157
CIELab	24.58, 61.09, -73.07
CIELCh	25, 95.243, 309.898
Yxy	4.2825, 0.1847, 0.0791
Android (android.graphics.Color)	4282712237 (0xFF4500AD)
YUV	40.3530, 65.3950, 25.1234
Hunter-Lab	20.6938, 50.0182, -99.6454

Details

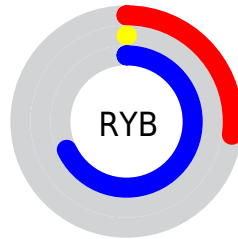
The HunterLab color **20.6938, 50.0182, -99.6454** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **57.2974, -35.9331, 34.6774**, and the grayscale version is **14.4800, -0.7726, 0.7867**.

A 20% lighter version of the original color is **37.8405, 54.2238, -93.0316**, and **11.5408, 31.3045, -82.0025** is the 20% darker color. If you saturate the color by 10%, you get **20.6943, 50.0187, -99.6427**, and if you desaturate by 10%, it is **22.5989, 47.3860, -88.9693**.

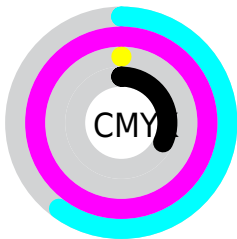
Distribution



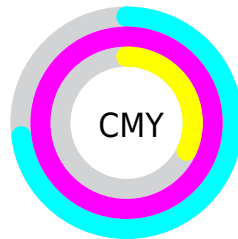
- Red (27%)
- Green (0%)
- Blue (68%)



- Red (27%)
- Yellow (0%)
- Blue (68%)



- Cyan (60%)
- Magenta (100%)
- Yellow (0%)
- Black (32%)



- Cyan (73%)
- Magenta (100%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 20.6938, 50.0182, -99.6454 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 20.6938, 50.0182, -99.6454 by changing the saturation by 10% instead.

■ 20.6938, 50.0182,
-99.6454

■ 20.6938, 50.0182,
-99.6454

■ 119.4400, 67.0214,
-95.5720

■ 13.5382, 48.2914,
-109.1936

■ 37.7445, 54.2593,
-93.1916

■ 7.1240, 51.5972,
-139.9345

■ 47.4652, 56.3664,
-92.3828

0.0000, INF, -NF

■ 57.9014, 58.3896,
-92.2753

0.0000, NaN, -NF

■ 69.0069, 60.3146,
-92.5860

0.0000, NaN, -NF

■ 80.7437, 62.1378,
-93.1527

0.0000, NaN, NaN

■ 93.0794, 63.8608,

0.0000, NaN, NaN

-93.8773

0.0000, NaN, NaN

105.9862, 65.4873,
-94.6973

20.6938, 50.0182,
-99.6454

20.6938, 50.0182,
-99.6454

20.6943, 50.0187,
-99.6427

22.5989, 47.3860,
-88.9693

25.2184, 43.1390,
-76.6553

28.6097, 37.5584,
-63.6451

32.6372, 31.4262,
-51.1602

37.1726, 25.2062,
-39.7116

■ 42.1130, 19.1087,
-29.3765

■ 47.3809, 13.2024,
-20.0454

■ 52.9188, 7.4902,
-11.5557

■ 58.6839, 1.9495,
-3.7487

Harmonies

Analogous

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



20.6943, 9.7031, -156.8809



20.6938, 50.0182, -99.6454



20.6943, 84.9749, -27.7625

Triad

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



20.6943, 50.0187, -99.6427



20.6943, 22.5231, 14.4860



20.6943, -33.6584, -10.6153

Complementary

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



20.6938, 50.0182, -99.6454



57.2974, -35.9331, 34.6774

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.



20.6943, -32.7351, 12.5527



20.6938, 50.0182, -99.6454



20.6943, -10.0688, 14.4860

Square

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



20.6943, 50.0187, -99.6427



20.6943, 63.8266, 14.4860



20.6943, -26.5383, 14.4860



20.6943, -29.2880, -73.3037

Rectangle

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



20.6938, 50.0182, -99.6454



20.6943, 93.1304, 1.0287



20.6943, -26.5383, 14.4860



20.6943, -33.9568, 1.2237

Sweetspot

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



20.6943, 50.0187, -99.6427



63.0290, 18.0760, -27.4508



36.6969, -2.1159, -41.3004



28.0268, 9.9139, -15.1087



93.2148, -4.9737, 5.0645



40.3295, -2.1519, 2.1912

Same Dimension

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



20.6943, 50.0187, -99.6427



27.4820, 66.7253, -134.6550



31.2596, 63.1846, -54.6182



28.1198, 0.7472, -1.5362



17.8256, 42.9611, -84.8692



3.4747, 7.7250, -11.5108

Inverse Universe

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



31.4382, 57.0177, -4.3265



42.0209, 76.1176, -5.0602



54.8068, -46.2904, 32.9613



28.4485, 1.6645, 0.4011



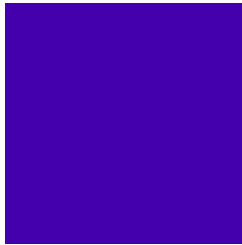
26.9676, 48.9478, -4.0085



4.6122, 8.5740, -2.2558

Previews

White Background



This preview shows how the HunterLab color 20.6938, 50.0182, -99.6454 looks on a white background.

Color Contrast Check

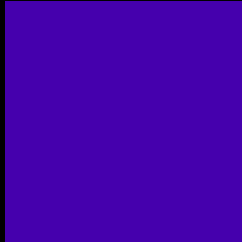
Large Text (above 18pt) WCAG AA ✓ Pass

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 20.6938, 50.0182, -99.6454 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

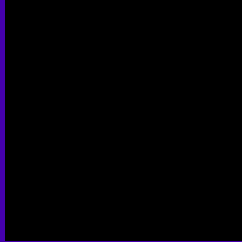
Any Text WCAG AA × Fail

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 20.6938, 50.0182, -99.6454 Background



This preview shows how black text looks on a background with the HunterLab color 20.6938, 50.0182, -99.6454.



This preview shows how white text looks on a background with the HunterLab color 20.6938, 50.0182, -99.6454.

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

20.6938, 50.0182, -99.6454

Protanopia

21.4083, 5.9095, -39.5155

Deuteranopia

21.4374, -1.0532, -24.5214



Tritanopia

21.5263, -8.8281, -4.2515

Trichromacy



Original Color

20.6938, 50.0182, -99.6454

Protanomaly

18.8305, 23.6995, -68.5584

Deuteranomaly

18.2646, 18.7486, -56.9733

Tritanomaly

17.9588, 12.1776, -36.4859

Monochromacy



Original Color

20.6938, 50.0182, -99.6454

Achromatopsia

14.5667, -0.7772, 0.7914

Achromatomaly

14.5040, 17.3765, -28.4997

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 20.6938, 50.0182, -99.6454 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(69, 0, 173)` looks like.

```
.text, #text, p{  
    color:rgb(69, 0, 173)  
}
```

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(69, 0, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(69, 0, 173) }
```

Border

The CSS property to change the border of an element to HunterLab 20.6938, 50.0182, -99.6454 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(69, 0, 173) }
```


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

```
.border{ border-color:rgb(69, 0, 173) }
```

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

Here you see how a box with a 4 pixel rgb(69, 0, 173) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(69, 0, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(69, 0, 173);  
box-shadow:4px 4px 4px 4px rgb(69, 0, 173)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 20.6938, 50.0182, -99.6454 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(69, 0, 173) }
```

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

```
.background{ background-color: rgb(69, 0,  
173) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor