

Converting Colors

HunterLab(19.2519, 43.6442,
-70.3085)

Have a look what the booklet for
HunterLab(19.2519, 43.6442,
-70.3085) contains.

HunterLab(19.2525, 43.5887, -69.8700)	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(19.2525, 43.5887,
-69.8700)**

Conversions

Conversions Part 1

Format	Color
Hex	4F0091
RGB	79, 0, 145
RGB Percent	31%, 0%, 57%
CMY	0.6902, 1.0000, 0.4314
CMYK	0.46, 1.00, 0.00, 0.43
HSL	273°, 100%, 28%
HSV	273°, 100%, 57%
XYZ	8.3353, 3.7066, 27.0641
YIQ	40.1510, 0.5390, 61.8430

Conversions

Conversions Part 2

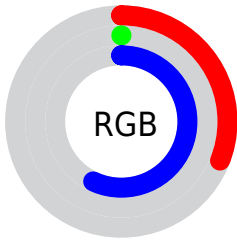
Format	Color
R_{YB}	79, 0, 145
Decimal	5177489
CIE _{Lab}	22.68, 55.43, -59.07
CIE _{LCh}	23, 81.003, 313.183
Yxy	3.7067, 0.2131, 0.0948
Android (android.graphics.Color)	4283367569 (0xFF4F0091)
YUV	40.1510, 51.6906, 34.0706
Hunter-Lab	19.2525, 43.5887, -69.8700

Details

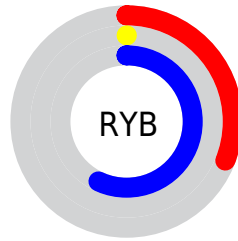
The HunterLab color **19.2525, 43.5887, -69.8700** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **46.2699, -33.2435, 27.9293**, and the grayscale version is **14.4538, -0.7712, 0.7853**.

A 20% lighter version of the original color is **35.9991, 47.8535, -66.9768**, and **9.5367, 24.6187, -58.0758** is the 20% darker color. If you saturate the color by 10%, you get **19.2528, 43.5891, -69.8686**, and if you desaturate by 10%, it is **20.8126, 41.4180, -62.7630**.

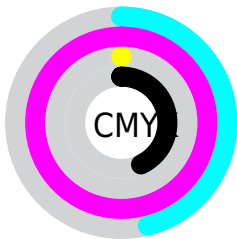
Distribution



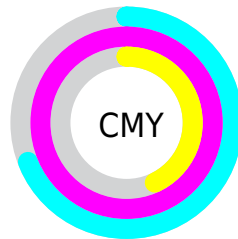
- Red (31%)
- Green (0%)
- Blue (57%)



- Red (31%)
- Yellow (0%)
- Blue (57%)



- Cyan (46%)
- Magenta (100%)
- Yellow (0%)
- Black (43%)



- Cyan (69%)
- Magenta (100%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 19.2525, 43.5887, -69.8700 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 19.2525, 43.5887, -69.8700 by changing the saturation by 10% instead.

■ 19.2525, 43.5887,
-69.8700

■ 19.2525, 43.5887,
-69.8700

■ 116.8329, 59.3282,
-71.3421

■ 12.2919, 41.8623,
-75.2701

■ 35.9763, 47.6493,
-67.0929

■ 5.4441, 53.0994,
-108.8766

■ 45.5545, 49.6224,
-67.1327

0.0000, INF, -NF

0.0000, NaN, -NF

■ 55.8581, 51.4978,
-67.5512

0.0000, NaN, -NF

■ 66.8391, 53.2672,
-68.1774

0.0000, NaN, NaN

■ 78.4581, 54.9307,
-68.9158

0.0000, NaN, NaN


0.0000, NaN, NaN


■ 90.6819, 56.4919,


-69.7103


0.0000, NaN, NaN


 103.4817, 57.9560,
-70.5264


 19.2525, 43.5887,
-69.8700


 19.2525, 43.5887,
-69.8700


 19.2528, 43.5891,
-69.8686

 20.8126, 41.4180,
-62.7630

 22.8228, 38.1467,
-54.8601

 25.3972, 33.6888,
-46.2977

 28.4572, 28.5879,
-37.7769

 31.9199, 23.2291,
-29.6822

■ 35.7135, 17.8320,
-22.1539

■ 39.7797, 12.5018,
-15.1957

■ 44.0734, 7.2783,
-8.7517

■ 48.5597, 2.1675,
-2.7473

Harmonies

Analogous

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



19.2528, 11.0777, -115.7700



19.2525, 43.5887, -69.8700



19.2528, 69.0328, -17.2014

Triad

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



19.2528, 43.5891, -69.8686



19.2528, 14.7746, 13.4770



19.2528, -29.4198, -12.4069

Complementary

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



19.2525, 43.5887, -69.8700



46.2699, -33.2435, 27.9293

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.



19.2528, -29.1188, 10.0864



19.2525, 43.5887, -69.8700



19.2528, -10.7279, 13.4770

Square

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



19.2528, 43.5891, -69.8686



19.2528, 47.4434, 13.4770



19.2528, -23.9780, 13.4770



19.2528, -24.8988, -62.8512

Rectangle

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



19.2525, 43.5887, -69.8700



19.2528, 73.3041, 3.3967



19.2528, -23.9780, 13.4770



19.2528, -29.8746, -1.6399

Sweetspot

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



19.2528, 43.5891, -69.8686



52.8844, 17.1725, -20.8966



24.7758, 8.2122, -48.6952



23.9669, 9.3546, -11.4692



85.4018, -4.5568, 4.6400



33.5864, -1.7921, 1.8248

Same Dimension

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



19.2528, 43.5891, -69.8686



25.5609, 58.0965, -94.5099



28.1392, 54.9354, -34.1123



23.2177, 0.8285, -1.0742



17.8744, 40.4202, -64.4941



2.0895, 4.3807, -4.8691

Inverse Universe

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



25.3240, 44.9213, 4.3245



33.8387, 59.9299, 6.5160



45.0127, -38.5144, 26.8795



23.3717, 1.1403, 0.7461



23.4645, 41.6433, 3.8480



2.3874, 4.4081, -0.9349

Previews

White Background



This preview shows how the HunterLab color 19.2525, 43.5887, -69.8700 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 19.2525, 43.5887, -69.8700 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

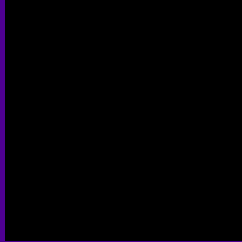
Any Text WCAG AA × Fail

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 19.2525, 43.5887, -69.8700 Background



This preview shows how black text looks on a background with the HunterLab color 19.2525, 43.5887, -69.8700.



This preview shows how white text looks on a background with the HunterLab color 19.2525, 43.5887, -69.8700.

-69.8700.

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

19.2525, 43.5887, -69.8700

Protanopia

20.2798, 5.2195, -36.6154

Deuteranopia

20.1197, -0.9266, -23.1476



Tritanopia

20.4027, -0.2689, -0.2622

Trichromacy



Original Color

19.2525, 43.5887, -69.8700

Protanomaly

17.4793, 20.1481, -56.9836

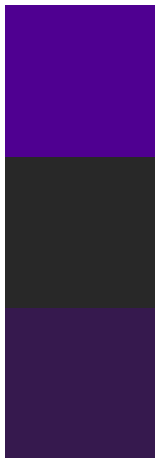
Deuteranomaly

17.0540, 15.7088, -46.6603

Tritanomaly

17.8682, 16.7760, -22.2935

Monochromacy



Original Color

19.2525, 43.5887, -69.8700

Achromatopsia

14.5667, -0.7772, 0.7914

Achromatomaly

14.2464, 15.7158, -20.9432

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 19.2525, 43.5887, -69.8700 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(79, 0, 145)` looks like.

```
.text, #text, p{  
    color:rgb(79, 0, 145)  
}
```

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(79, 0, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 0, 145) }
```

Border

The CSS property to change the border of an element to HunterLab 19.2525, 43.5887, -69.8700 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(79, 0, 145) }
```


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

```
.border{ border-color:rgb(79, 0, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 0, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 0, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 0, 145);  
box-shadow:4px 4px 4px 4px rgb(79, 0, 145)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 19.2525, 43.5887, -69.8700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 0, 145) }
```

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

```
.background{ background-color: rgb(79, 0,  
145) }
```

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