

Converting Colors

HunterLab(21.5736, 51.0022,
-95.0256)

Have a look what the booklet for
HunterLab(21.5736, 51.0022,
-95.0256) contains.

HunterLab(21.5333, 50.8875, -94.6969)	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(21.5333, 50.8875,
-94.6969)**

Conversions

Conversions Part 1

Format	Color
Hex	4E00AD
RGB	78, 0, 173
RGB Percent	31%, 0%, 68%
CMY	0.6941, 1.0000, 0.3216
CMYK	0.55, 1.00, 0.00, 0.32
HSL	267°, 100%, 34%
HSV	267°, 100%, 68%
XYZ	10.6847, 4.6368, 39.8670
YIQ	43.0440, -9.0450, 70.3390

Conversions

Conversions Part 2

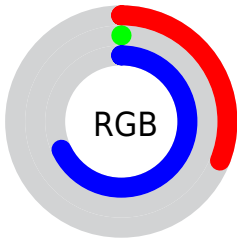
Format	Color
R_{YB}	78, 0, 173
Decimal	5111981
CIE _{Lab}	25.67, 61.68, -71.23
CIE _{LCh}	26, 94.224, 310.892
Yxy	4.6370, 0.1936, 0.0840
Android (android.graphics.Color)	4283302061 (0xFF4E00AD)
YUV	43.0440, 64.0683, 30.6564
Hunter-Lab	21.5333, 50.8875, -94.6969

Details

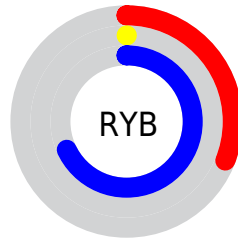
The HunterLab color **21.5333, 50.8875, -94.6969** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **56.8506, -37.7521, 34.3702**, and the grayscale version is **15.3569, -0.8194, 0.8344**.

A 20% lighter version of the original color is **38.7465, 55.2542, -89.7129**, and **11.5408, 31.3045, -82.0025** is the 20% darker color. If you saturate the color by 10%, you get **21.5338, 50.8880, -94.6946**, and if you desaturate by 10%, it is **23.4051, 48.4676, -84.8804**.

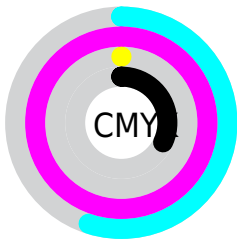
Distribution



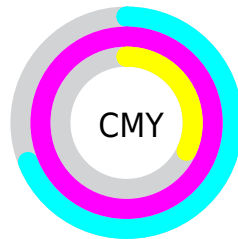
- Red (31%)
- Green (0%)
- Blue (68%)



- Red (31%)
- Yellow (0%)
- Blue (68%)



- Cyan (55%)
- Magenta (100%)
- Yellow (0%)
- Black (32%)



- Cyan (69%)
- Magenta (100%)
- Yellow (32%)
- Black (0%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 21.5333, 50.8875, -94.6969 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 21.5333, 50.8875, -94.6969 by changing the saturation by 10% instead.

21.5333, 50.8875,
-94.6969

21.5333, 50.8875,
-94.6969

120.9389, 67.9724,
-92.3706

14.2685, 49.1049,
-102.7118

38.7679, 55.1585,
-89.3935

7.9260, 50.0313,
-124.8482

48.5692, 57.2727,
-88.8279

0.0000, INF, -NF

0.0000, NaN, -NF

59.0804, 59.3023,
-88.8707

0.0000, NaN, -NF

70.2565, 61.2339,
-89.2752

0.0000, NaN, -NF

82.0600, 63.0643,
-89.8994

0.0000, NaN, NaN

0.0000, NaN, NaN

94.4593, 64.7951,

-90.6568

0.0000, NaN, NaN

107.4269, 66.4296,
-91.4925

21.5333, 50.8875,
-94.6969

21.5333, 50.8875,
-94.6969

21.5338, 50.8880,
-94.6946

23.4051, 48.4676,
-84.8804

25.9565, 44.4045,
-73.5352

29.2563, 38.9184,
-61.4122

33.1832, 32.7638,
-49.6187

37.6175, 26.4229,
-38.6704

■ 42.4602, 20.1366,
-28.6896

■ 47.6349, 13.9995,
-19.6112

■ 53.0842, 8.0324,
-11.3064

■ 58.7649, 2.2238,
-3.6390

Harmonies

Analogous

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



21.5338, 10.8257, -151.3727



21.5333, 50.8875, -94.6969



21.5338, 84.5461, -25.5148

Triad

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



21.5338, 50.8880, -94.6946



21.5338, 21.0857, 15.0736



21.5338, -34.0134, -11.9342

Complementary

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



21.5333, 50.8875, -94.6969



56.8506, -37.7521, 34.3702

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.



21.5338, -33.3064, 12.4899



21.5333, 50.8875, -94.6969



21.5338, -10.9724, 15.0736

Square

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



21.5338, 50.8880, -94.6946



21.5338, 61.8200, 15.0736



21.5338, -27.3415, 15.0736



21.5338, -29.6548, -74.1584

Rectangle

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



21.5333, 50.8875, -94.6969



21.5338, 91.7532, 2.0064



21.5338, -27.3415, 15.0736



21.5338, -34.3546, 0.3031

Sweetspot

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



21.5338, 50.8880, -94.6946



63.3752, 19.1599, -26.8546



33.5092, 3.4099, -49.2446



28.2116, 10.4798, -14.7717



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.



21.5338, 50.8880, -94.6946



28.6019, 67.8733, -127.9636



33.0862, 65.7799, -49.3075



28.1556, 0.8688, -1.4880



18.5462, 43.7120, -80.6585



3.5839, 7.8580, -11.0211

Inverse Universe

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



31.1615, 56.0162, -0.4150



41.6496, 74.7728, 0.1949



54.7203, -46.6605, 32.9015



28.4362, 1.5987, 0.5754



26.7308, 48.0914, -0.6650



4.5783, 8.4530, -1.7894

Previews

White Background



This preview shows how the HunterLab color 21.5333, 50.8875, -94.6969 looks on a white background.

Color Contrast Check

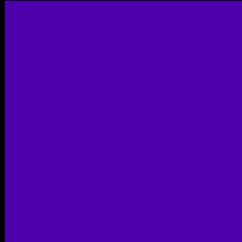
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.5333, 50.8875, -94.6969 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 21.5333, 50.8875, -94.6969 Background



This preview shows how black text looks on a background with the HunterLab color 21.5333, 50.8875, -94.6969.



This preview shows how white text looks on a background with the HunterLab color 21.5333, 50.8875, -94.6969.

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

21.5333, 50.8875, -94.6969

Protanopia

22.1866, 6.4785, -41.7166

Deuteranopia

22.4103, -1.2828, -25.2417



Tritanopia

22.3807, -5.6205, -3.0061

Trichromacy



Original Color

21.5333, 50.8875, -94.6969

Protanomaly

19.3449, 24.4187, -69.7548

Deuteranomaly

18.9638, 18.9641, -57.3602

Tritanomaly

19.1641, 15.4101, -32.6825

Monochromacy



Original Color

21.5333, 50.8875, -94.6969

Achromatopsia

15.5427, -0.8293, 0.8445

Achromatomaly

15.3714, 18.0203, -27.5225

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 21.5333, 50.8875, -94.6969 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(78, 0, 173)` looks like.

```
.text, #text, p{  
    color:rgb(78, 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(78, 0, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 0, 173) }
```

Border

The CSS property to change the border of an element to HunterLab 21.5333, 50.8875, -94.6969 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(78, 0, 173) }
```


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

```
.border{ border-color:rgb(78, 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(78, 0, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 0, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 0, 173);  
box-shadow:4px 4px 4px 4px rgb(78, 0, 173)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 21.5333, 50.8875, -94.6969 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 0, 173) }
```

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

```
.background{ background-color: rgb(78, 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](#).

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