

Converting Colors

HunterLab(21.7576, 82.3257,
-9.2020)

Have a look what the booklet for
HunterLab(21.7576, 82.3257,
-9.2020) contains.

HunterLab(28.7210, 51.5249, 0.4251)	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(28.7210, 51.5249,
0.4251)**

Conversions

Conversions Part 1

Format	Color
Hex	A10056
RGB	161, 0, 86
RGB Percent	63%, 0%, 34%
CMY	0.3686, 0.9999, 0.6627
CMYK	0.00, 1.00, 0.47, 0.37
HSL	328°, 100%, 32%
HSV	328°, 100%, 63%
XYZ	16.3777, 8.2490, 9.5331
YIQ	57.9430, 68.3500, 60.8780

Conversions

Conversions Part 2

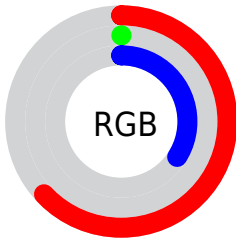
Format	Color
R_{YB}	161, 0, 86
Decimal	10551382
CIE _{Lab}	34.50, 60.57, -1.75
CIE _{LCh}	34, 60.599, 358.350
Yxy	8.2494, 0.4794, 0.2415
Android (android.graphics.Color)	4288741462 (0xFFA10056)
YUV	57.9430, 13.8321, 90.3810
Hunter-Lab	28.7210, 51.5249, 0.4251

Details

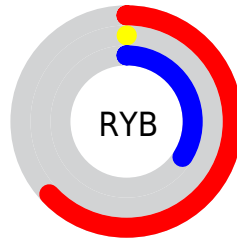
The HunterLab color **28.7210, 51.5249, 0.4251** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **50.9884, -40.1628, 22.9706**, and the grayscale version is **20.4921, -1.0934, 1.1134**.

A 20% lighter version of the original color is **47.3893, 56.1214, 1.0417**, and **17.4461, 30.7946, 4.1599** is the 20% darker color. If you saturate the color by 10%, you get **28.7207, 51.5238, 0.4292**, and if you desaturate by 10%, it is **29.5813, 50.1092, -1.8855**.

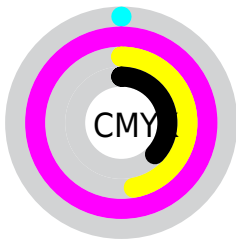
Distribution



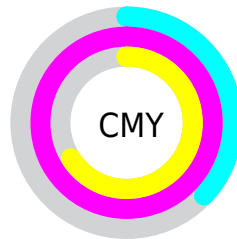
- Red (63%)
- Green (0%)
- Blue (34%)



- Red (63%)
- Yellow (0%)
- Blue (34%)



- Cyan (0%)
- Magenta (100%)
- Yellow (47%)
- Black (37%)



- Cyan (37%)
- Magenta (100%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 28.7210, 51.5249, 0.4251 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 28.7210, 51.5249, 0.4251 by changing the saturation by 10% instead.

■ 28.7210, 51.5249,
0.4251

■ 28.7210, 51.5249,
0.4251

■ 133.2950, 67.7554,
5.3825

■ 20.6276, 49.4368,
0.0992

■ 47.3772, 55.7583,
1.2426

■ 13.4803, 47.7034,
-0.1617

■ 57.8074, 57.7677,
1.7212

■ 7.0559, 51.1861,
-0.6411

■ 68.9072, 59.6780,
2.2415

0.0000, INF, NaN

0.0000, NaN, NaN

■ 80.6386, 61.4862,
2.8007

0.0000, NaN, NaN

■ 92.9692, 63.1940,
3.3962

0.0000, NaN, NaN

■ 105.8712, 64.8051,

0.0000, NaN, NaN

4.0261

0.0000, NaN, NaN

119.3203, 66.3240,
4.6887

28.7210, 51.5249,
0.4251

28.7210, 51.5249,
0.4251

28.7207, 51.5238,
0.4292

29.5813, 50.1092,
-1.8855

30.9221, 47.3077,
-3.7257

32.8800, 42.9032,
-4.8254

35.4299, 37.2884,
-5.1680

38.5149, 30.9068,
-4.8289

■ 42.0663, 24.1283,
-3.9243

■ 46.0166, 17.2089,
-2.5727

■ 50.3056, 10.3026,
-0.8766

■ 54.8827, 3.4900,
1.0835

Harmonies

Analogous

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



28.7218, 41.9730, -27.0760



28.7210, 51.5249, 0.4251



28.7218, 43.7781, 14.5414

Triad

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



28.7218, 51.5218, 0.4260



28.7218, -18.4183, 19.2182



28.7218, -19.9227, -54.7805

Complementary

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



28.7210, 51.5249, 0.4251



50.9884, -40.1628, 22.9706

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.



28.7218, -29.2934, -23.5676



28.7210, 51.5249, 0.4251



28.7218, -28.6183, 15.3628

Square

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



28.7218, 51.5218, 0.4260



28.7218, -0.3526, 20.1053



28.7218, -31.9458, 2.6561



28.7218, -2.6967, -70.3082

Rectangle

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



28.7210, 51.5249, 0.4251



28.7218, 30.8280, 18.0558



28.7218, -31.9458, 2.6561



28.7218, -23.8867, -45.0213

Sweetspot

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



28.7218, 51.5218, 0.4260



61.2634, 23.5657, -3.5611



19.9230, 47.0277, -87.2440



27.6917, 12.7493, -2.0256



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.



28.7218, 51.5218, 0.4260



38.3831, 68.7614, 1.3206



27.5595, 47.2560, 17.3107



26.7324, 1.4580, 0.5959



25.6834, 46.1047, 0.1538



3.8477, 7.1323, -1.7227

Inverse Universe

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



28.7218, 51.5218, 0.4260



38.3831, 68.7614, 1.3206



52.7145, -29.6371, -1.9089



26.7324, 1.4580, 0.5959



25.6834, 46.1047, 0.1538



3.8477, 7.1323, -1.7227

Previews

White Background



This preview shows how the HunterLab color 28.7210, 51.5249, 0.4251 looks on a white background.

Color Contrast Check

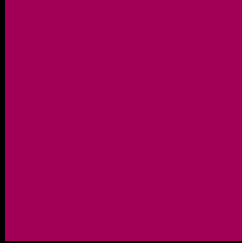
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.7210, 51.5249, 0.4251 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

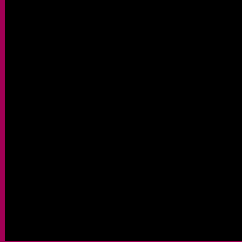
Any Text WCAG AA × Fail

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 28.7210, 51.5249, 0.4251 Background



This preview shows how black text looks on a background with the HunterLab color 28.7210, 51.5249, 0.4251.



This preview shows how white text looks on a background with the HunterLab color 28.7210, 51.5249,

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

28.7210, 51.5249, 0.4251

Protanopia

29.9063, 2.9167, -19.3252

Deuteranopia

29.7137, 1.8855, 3.5824



Tritanopia

29.2039, 40.3399, 15.6290

Trichromacy



Original Color

28.7210, 51.5249, 0.4251

Protanomaly

25.6038, 22.6862, -17.9863

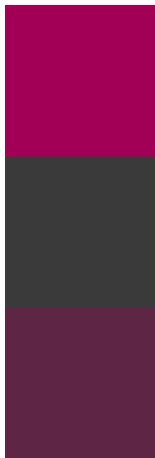
Deuteranomaly

26.2997, 23.3552, -1.3815

Tritanomaly

28.6388, 44.7928, 11.4582

Monochromacy



Original Color

28.7210, 51.5249, 0.4251

Achromatopsia

20.5697, -1.0975, 1.1176

Achromatomaly

20.4289, 20.3824, -2.9270

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 28.7210, 51.5249, 0.4251 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(161, 0, 86)` looks like.

```
.text, #text, p{  
    color:rgb(161, 0, 86)  
}
```

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(161, 0, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 0, 86) }
```

Border

The CSS property to change the border of an element to HunterLab 28.7210, 51.5249, 0.4251 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(161, 0, 86) }
```


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

```
.border{ border-color:rgb(161, 0, 86) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 0, 86)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 0, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 0, 86);  
box-shadow:4px 4px 4px 4px rgb(161, 0, 86)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 28.7210, 51.5249, 0.4251 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 0, 86) }
```

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

```
.background{ background-color: rgb(161, 0,  
86) }
```

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