

Converting Colors

HunterLab(51.9356, 7.7863,
28.1682)

Have a look what the booklet for
HunterLab(51.9356, 7.7863,
28.1682) contains.

HunterLab(51.9223, 7.7478, 28.1446)	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(51.9223, 7.7478,
28.1446)**

Conversions

Conversions Part 1

Format	Color
Hex	B88436
RGB	184, 132, 54
RGB Percent	72%, 52%, 21%
CMY	0.2784, 0.4823, 0.7882
CMYK	0.00, 0.28, 0.71, 0.28
HSL	36°, 55%, 47%
HSV	36°, 71%, 72%
XYZ	28.6843, 26.9593, 7.1819
YIQ	138.6560, 56.0300, -13.2340

Conversions

Conversions Part 2

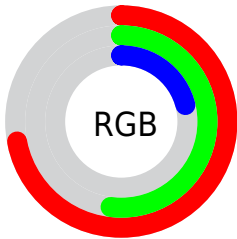
Format	Color
RYB	141, 184, 54
Decimal	12092470
CIELab	58.94, 12.38, 48.39
CIELCh	59, 49.950, 75.655
Yxy	26.9606, 0.4566, 0.4291
Android (android.graphics.Color)	4290282550 (0xFFB88436)
YUV	138.6560, -41.7354, 39.7667
Hunter-Lab	51.9223, 7.7478, 28.1446

Details

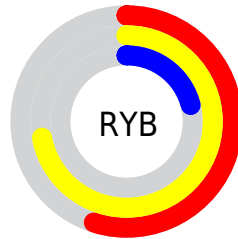
The HunterLab color **51.9223, 7.7478, 28.1446** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **38.1477, 4.9587, -46.8862**, and the grayscale version is **50.8210, -2.7117, 2.7612**.

A 20% lighter version of the original color is **74.0085, 7.6272, 35.0305**, and **32.7086, 7.4049, 20.2845** is the 20% darker color. If you saturate the color by 10%, you get **49.8929, 10.6023, 28.9835**, and if you desaturate by 10%, it is **54.0689, 5.1971, 26.6093**.

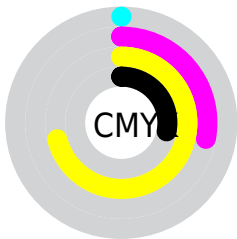
Distribution



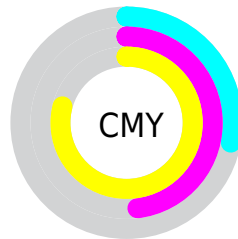
- Red (72%)
- Green (52%)
- Blue (21%)



- Red (55%)
- Yellow (72%)
- Blue (21%)



- Cyan (0%)
- Magenta (28%)
- Yellow (71%)
- Black (28%)



- Cyan (28%)
- Magenta (48%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 51.9223, 7.7478, 28.1446 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 51.9223, 7.7478, 28.1446 by changing the saturation by 10% instead.

■ 51.9223, 7.7478,
28.1446

■ 51.9223, 7.7478,
28.1446

■ 169.5483, 6.2294,
56.1379

■ 41.8851, 7.6116,
24.3705

■ 74.0410, 7.7905,
35.1259

■ 32.5927, 7.3899,
20.3531

■ 86.0421, 7.7174,
38.3958

■ 24.1119, 7.0649,
16.6205

■ 98.6297, 7.5881,
41.5511

■ 16.5294, 6.6147,
11.5706

■ 111.7774, 7.4069,
44.6099

■ 9.9678, 6.0071,
6.9775

■ 125.4624, 7.1775,
47.5871

0.0000, INF, NaN

0.0000, NaN, NaN

■ 139.6644, 6.9031,

50.4945

0.0000, NaN, NaN

154.3651, 6.5863,
53.3420

0.0000, NaN, NaN

■ 51.9223, 7.7478,
28.1446

■ 51.9223, 7.7478,
28.1446

■ 49.8929, 10.6023,
28.9835

■ 54.0689, 5.1971,
26.6093

■ 47.9800, 13.7469,
29.1401

■ 56.3240, 2.9659,
24.3867

■ 46.2925, 16.8779,
28.8207

■ 58.6835, 1.0506,
21.5035

■ 61.1417, -0.5561,
17.9947

■ 63.6930, -1.8660,
13.8995

■ 66.3319, -2.8932,
9.2588

■ 69.0530, -3.6535,
4.1129

■ 71.8514, -4.1631,
-1.4993

■ 74.7224, -4.4383,
-7.5413

Harmonies

Analogous

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



51.9236, 28.9918, 23.6506



51.9223, 7.7478, 28.1446



51.9236, -13.3475, 28.0548

Triad

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



51.9236, 7.7452, 28.1451



51.9236, -36.5567, -8.7968



51.9236, 29.8047, -32.3524

Complementary

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



51.9223, 7.7478, 28.1446



38.1477, 4.9587, -46.8862

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.



51.9236, 8.7213, -50.2731



51.9223, 7.7478, 28.1446



51.9236, -28.3629, -33.3713

Square

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



51.9236, 7.7452, 28.1451



51.9236, -36.7317, 11.5654



51.9236, -12.5159, -50.7070



51.9236, 43.0490, -7.7579

Rectangle

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



51.9223, 7.7478, 28.1446



51.9236, -24.5127, 25.5314



51.9236, -12.5159, -50.7070



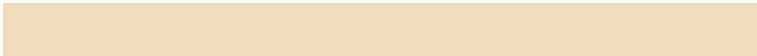
51.9236, 23.2608, -39.7250

Sweetspot

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



51.9236, 7.7452, 28.1451



85.5114, -2.4014, 19.1252



37.2418, 48.3632, 2.0859



39.2626, -0.9055, 9.6086



96.5975, -5.1542, 5.2483



43.2801, -2.3093, 2.3515

Same Dimension

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



51.9236, 7.7452, 28.1451



65.6696, 16.6741, 39.2535



65.7306, -21.0653, 36.9857



31.4392, -1.4182, 4.0594



38.6145, 13.6312, 24.0327



8.0203, 1.0561, 4.9606

Inverse Universe

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



38.1477, 4.9587, -46.8862



44.1300, 15.0888, -82.9877



27.0049, 33.9501, -82.3263



30.4848, -1.7742, -0.8500



24.1945, 14.4461, -61.4260



5.7313, 0.3226, -7.8601

Previews

White Background



This preview shows how the HunterLab color 51.9223, 7.7478, 28.1446 looks on a white background.

Color Contrast Check

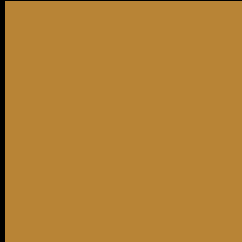
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 51.9223, 7.7478, 28.1446 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

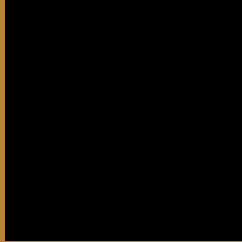
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 51.9223, 7.7478, 28.1446 Background



This preview shows how black text looks on a background with the HunterLab color 51.9223, 7.7478, 28.1446.



This preview shows how white text looks on a background with the HunterLab color 51.9223, 7.7478,

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

51.9223, 7.7478, 28.1446

Protanopia

51.8753, -6.4373, 27.4285

Deuteranopia

51.8961, 3.5566, 28.1924



Tritanopia

51.8918, 20.7353, 6.9845

Trichromacy



Original Color

51.9223, 7.7478, 28.1446

Protanomaly

51.6507, -1.4385, 27.5070

Deuteranomaly

51.9717, 5.1834, 28.2730

Tritanomaly

51.7136, 15.0595, 17.1139

Monochromacy



Original Color

51.9223, 7.7478, 28.1446

Achromatopsia

50.8117, -2.7112, 2.7607

Achromatomaly

50.6553, -0.4509, 14.5999

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 51.9223, 7.7478, 28.1446 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(184, 132, 54)` looks like.

```
.text, #text, p{  
    color:rgb(184, 132, 54)  
}
```

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(184, 132, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 132, 54) }
```

Border

The CSS property to change the border of an element to HunterLab 51.9223, 7.7478, 28.1446 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(184, 132, 54) }
```


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

```
.border{ border-color:rgb(184, 132, 54) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 132, 54)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 132, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 132, 54);  
box-shadow:4px 4px 4px 4px rgb(184, 132,  
54) }
```

Background

The CSS property to change the background color of an element to HunterLab 51.9223, 7.7478, 28.1446 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 132, 54) }
```

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

```
.background{ background-color: rgb(184,  
132, 54) }
```

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