

Converting Colors

HunterLab(48.7903, -17.8423,
25.8040)

Have a look what the booklet for
HunterLab(48.7903, -17.8423,
25.8040) contains.

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Color

**HunterLab(48.7903,
-17.8423, 25.8040)**

Conversions

Conversions Part 1

Format	Color
Hex	7B8E34
RGB	123, 142, 52
RGB Percent	48%, 56%, 20%
CMY	0.5176, 0.4431, 0.7961
CMYK	0.13, 0.00, 0.63, 0.44
HSL	73°, 46%, 38%
HSV	73°, 63%, 56%
XYZ	18.4612, 23.8049, 6.8706
YIQ	126.0590, 17.5660, -32.0180

Conversions

Conversions Part 2

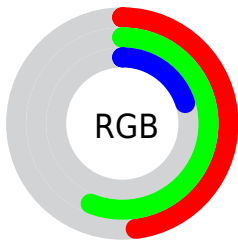
Format	Color
RYB	52, 142, 71
Decimal	8097332
CIELab	55.89, -20.32, 44.33
CIELCh	56, 48.762, 114.624
Yxy	23.8060, 0.3757, 0.4845
Android (android.graphics.Color)	4286287412 (0xFF7B8E34)
YUV	126.0590, -36.5111, -2.6827
Hunter-Lab	48.7903, -17.8423, 25.8040

Details

The HunterLab color $48.7903, -17.8423, 25.8040$ is a dark color, and the websafe version is hex 999933 . A complement of this color would be $23.9775, 22.8802, -48.1084$, and the grayscale version is $45.8344, -2.4456, 2.4903$.

A 20% lighter version of the original color is $70.6570, -21.2132, 32.3995$, and $29.9898, -14.2364, 18.2303$ is the 20% darker color. If you saturate the color by 10%, you get $48.4551, -19.3490, 27.2957$, and if you desaturate by 10%, it is $49.1715, -16.1085, 23.7644$.

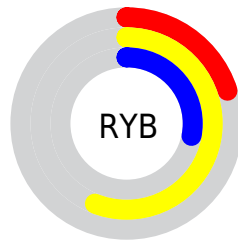
Distribution



Red (48%)

Green (56%)

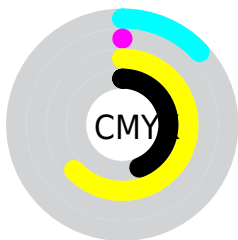
Blue (20%)



Red (20%)

Yellow (56%)

Blue (28%)

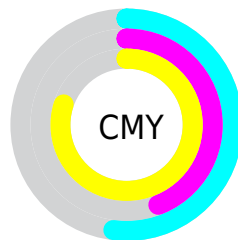


Cyan (13%)

Magenta (0%)

Yellow (63%)

Black (44%)



Cyan (52%)

Magenta (44%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 48.7903, -17.8423, 25.8040 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 48.7903, -17.8423, 25.8040 by changing the saturation by 10% instead.

■ 48.7903, -17.8423,
25.8040

■ 48.7903, -17.8423,
25.8040

164.8752,
-32.5346, 52.0578

■ 38.9741, -16.0675,
22.2549

■ 70.5078, -21.2456,
32.3508

■ 29.9210, -14.2126,
18.4636

■ 82.3246, -22.8977,
35.4141

■ 21.7033, -12.2421,
15.1321

■ 94.7366, -24.5288,
38.3700

■ 14.4164, -10.0907,
10.0915

■ 107.7163,
-26.1447, 41.2366

■ 8.0771, -11.3922,
5.6540

■ 121.2400,
-27.7500, 44.0280

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 135.2866,

-29.3483, 46.7560

0.0000, NaN, NaN

149.8373,
-30.9424, 49.4300

0.0000, NaN, NaN

■ 48.7903, -17.8423,
25.8040

■ 48.7903, -17.8423,
25.8040

■ 48.4551, -19.3490,
27.2957

■ 49.1715, -16.1085,
23.7644

■ 48.1597, -20.6371,
28.2771

■ 49.5975, -14.1352,
21.1480

■ 47.9014, -21.7266,
28.8021

■ 50.0712, -11.9196,
17.9367

■ 47.7421, -22.3885,
29.0265

■ 50.5939, -9.4605,
14.1199

■ 51.1663, -6.7597,
9.6942

■ 51.7890, -3.8210,
4.6621

■ 52.4623, -0.6504,
-0.9684

■ 53.1862, 2.7443,
-7.1846

■ 53.9604, 6.3542,
-13.9700

Harmonies

Analogous

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



48.7914, 1.1096, 27.0627



48.7903, -17.8423, 25.8040



48.7914, -30.5552, 19.6477

Triad

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



48.7914, -17.8437, 25.8043



48.7914, -23.2311, -38.4156



48.7914, 42.7128, -0.9571

Complementary

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



48.7903, -17.8423, 25.8040



23.9775, 22.8802, -48.1084

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.



48.7914, 33.5193, -24.1389



48.7903, -17.8423, 25.8040



48.7914, -6.2137, -50.7414

Square

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



48.7914, -17.8437, 25.8043



48.7914, -33.2905, -15.5101



48.7914, 14.7667, -44.6624



48.7914, 38.2416, 15.7443

Rectangle

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



48.7903, -17.8423, 25.8040



48.7914, -34.8570, 11.5202



48.7914, 14.7667, -44.6624



48.7914, 41.0784, -8.2648

Sweetspot

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



48.7914, -17.8437, 25.8043



67.4784, -11.1720, 16.5052



32.2177, 20.9981, 14.2406



31.8014, -5.6996, 8.4804



84.2951, -4.4978, 4.5799



32.6403, -1.7416, 1.7734

Same Dimension

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



48.7914, -17.8437, 25.8043



64.1723, -26.4460, 36.8723



46.1058, -28.3492, 23.7356



24.9575, -2.6963, 3.7161



45.2456, -21.1791, 27.5094



4.5278, -1.6722, 2.7607

Inverse Universe

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



23.9775, 22.8802, -48.1084



25.8597, 39.6528, -86.8385



28.3803, 33.2409, -35.3964



23.0358, 0.2095, -1.3188



14.1705, 36.6413, -86.7642



1.6489, 3.8405, -6.8158

Previews

White Background



This preview shows how the HunterLab color 48.7903, -17.8423, 25.8040 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 48.7903, -17.8423, 25.8040 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

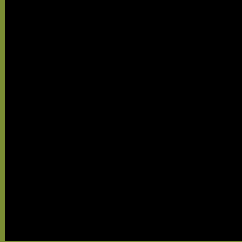
Any Text WCAG AA ✓ Pass

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 48.7903, -17.8423, 25.8040 Background



This preview shows how black text looks on a background with the HunterLab color 48.7903, -17.8423, 25.8040.



This preview shows how white text looks on a background with the HunterLab color 48.7903, -17.8423, 25.8040.

-17.8423, 25.8040.

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

48.7903, -17.8423, 25.8040

Protanopia

48.6519, -6.2764, 26.1917

Deuteranopia

48.5604, 3.4369, 25.2567



Tritanopia

48.7286, -0.9556, -1.6093

Trichromacy



Original Color

48.7903, -17.8423, 25.8040

Protanomaly

48.6886, -10.5679, 26.0028

Deuteranomaly

48.2311, -4.7658, 25.1932

Tritanomaly

48.3748, -8.3780, 11.5812

Monochromacy



Original Color

48.7903, -17.8423, 25.8040

Achromatopsia

45.6768, -2.4372, 2.4817

Achromatomaly

46.6512, -9.0904, 13.5847

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 48.7903, -17.8423, 25.8040 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(123, 142, 52)` looks like.

```
.text, #text, p{  
    color:rgb(123, 142, 52)  
}
```

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(123, 142, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 142, 52) }
```

Border

The CSS property to change the border of an element to HunterLab 48.7903, -17.8423, 25.8040 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(123, 142, 52) }
```


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

```
.border{ border-color:rgb(123, 142, 52) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 142, 52)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 142, 52); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 142, 52);  
box-shadow:4px 4px 4px 4px rgb(123, 142,  
52) }
```

Background

The CSS property to change the background color of an element to HunterLab 48.7903, -17.8423, 25.8040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 142, 52) }
```

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

```
.background{ background-color: rgb(123,  
142, 52) }
```

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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