

Converting Colors

HunterLab(23.5393, 28.4406,
12.6876)

Have a look what the booklet for
HunterLab(23.5393, 28.4406,
12.6876) contains.

HunterLab(23.4902, 28.6259, 12.6543)	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(23.4902, 28.6259,
12.6543)**

Conversions

Conversions Part 1

Format	Color
Hex	7D2119
RGB	125, 33, 25
RGB Percent	49%, 13%, 10%
CMY	0.5098, 0.8706, 0.9020
CMYK	0.00, 0.74, 0.80, 0.51
HSL	5°, 67%, 29%
HSV	5°, 80%, 49%
XYZ	9.1768, 5.5179, 1.5011
YIQ	59.5960, 57.4000, 17.0160

Conversions

Conversions Part 2

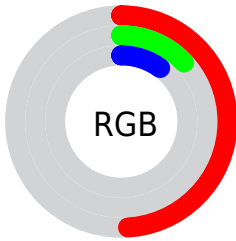
Format	Color
R_{YB}	125, 34, 25
Decimal	8200473
CIE _{Lab}	28.16, 39.02, 28.19
CIE _{LCh}	28, 48.138, 35.840
Yxy	5.5182, 0.5666, 0.3407
Android (android.graphics.Color)	4286390553 (0xFF7D2119)
YUV	59.5960, -17.0558, 57.3593
Hunter-Lab	23.4902, 28.6259, 12.6543

Details

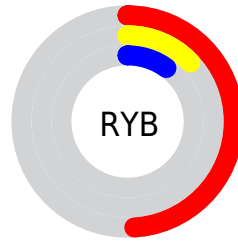
The HunterLab color **23.4902, 28.6259, 12.6543** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **37.9586, -17.2245, -7.2169**, and the grayscale version is **21.1619, -1.1291, 1.1498**.

A 20% lighter version of the original color is **41.0336, 31.6055, 17.7029**, and **11.0858, 18.9847, 7.1634** is the 20% darker color. If you saturate the color by 10%, you get **22.2326, 31.7816, 13.2850**, and if you desaturate by 10%, it is **25.1714, 24.8707, 11.7254**.

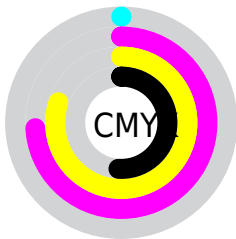
Distribution



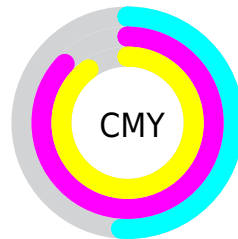
- Red (49%)
- Green (13%)
- Blue (10%)



- Red (49%)
- Yellow (13%)
- Blue (10%)



- Cyan (0%)
- Magenta (74%)
- Yellow (80%)
- Black (51%)



- Cyan (51%)
- Magenta (87%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 23.4902, 28.6259, 12.6543 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 23.4902, 28.6259, 12.6543 by changing the saturation by 10% instead.

■ 23.4902, 28.6259,
12.6543

■ 23.4902, 28.6259,
12.6543

124.3832, 39.0247,
32.6918

■ 15.9825, 26.9213,
10.3760

■ 41.1376, 31.7109,
17.8056

■ 9.5069, 25.2633,
6.6548

■ 51.1203, 33.0671,
20.1490

0.0000, INF, NaN

0.0000, NaN, NaN

■ 61.8008, 34.3055,
22.3890

0.0000, NaN, NaN

■ 73.1363, 35.4349,
24.5496

0.0000, NaN, NaN

■ 85.0908, 36.4640,
26.6485

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 97.6339, 37.4008,

28.6989

0.0000, NaN, NaN

■ 110.7391, 38.2523,
30.7107

■ 23.4902, 28.6259,
12.6543

■ 23.4902, 28.6259,
12.6543

■ 22.2326, 31.7816,
13.2850

■ 25.1714, 24.8707,
11.7254

■ 21.3944, 34.0288,
13.7788

■ 27.2380, 20.8000,
10.5793

■ 21.3944, 34.0289,
13.7789

■ 29.6442, 16.6341,
9.2980

■ 32.3426, 12.5191,
7.9455

■ 35.2898, 8.5352,
6.5650

■ 38.4489, 4.7164,
5.1826

■ 41.7892, 1.0688,
3.8122

■ 45.2858, -2.4165,
2.4604

■ 48.9182, -5.7552,
1.1289

Harmonies

Analogous

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



23.4909, 37.0247, 4.0209



23.4902, 28.6259, 12.6543



23.4909, 12.4452, 15.6256

Triad

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



23.4909, 28.6235, 12.6547



23.4909, -22.9658, 10.2673



23.4909, 1.9015, -49.1013

Complementary

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



23.4902, 28.6259, 12.6543



37.9586, -17.2245, -7.2169

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.



23.4909, -12.3929, -43.0115



23.4902, 28.6259, 12.6543



23.4909, -24.4007, -1.8401

Square

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



23.4909, 28.6235, 12.6547



23.4909, -16.4661, 14.7613



23.4909, -21.0837, -22.5651



23.4909, 19.1993, -36.0280

Rectangle

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



23.4902, 28.6259, 12.6543



23.4909, 0.9792, 16.3473



23.4909, -21.0837, -22.5651



23.4909, -3.4081, -49.2965

Sweetspot

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



23.4909, 28.6235, 12.6547



49.4831, 8.6240, 7.7816



25.2412, 41.3603, -24.2263



23.0104, 4.8337, 3.9712



79.8926, -4.2629, 4.3407



28.9024, -1.5422, 1.5703

Same Dimension

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



23.4909, 28.6235, 12.6547



28.7926, 45.1791, 18.1468



32.2717, 7.8250, 18.3329



20.9651, 0.3759, 1.8389



21.8451, 34.8036, 14.0702

0.0000, NaN, NaN

Inverse Universe

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



37.9586, -17.2245, -7.2169



49.7158, -23.3735, -11.2099



24.2117, 3.2646, -32.5355



21.9769, -2.5766, 0.5116



37.8632, -17.8969, -8.6915

0.0000, NaN, NaN

Previews

White Background



This preview shows how the HunterLab color 23.4902, 28.6259, 12.6543 looks on a white background.

Color Contrast Check

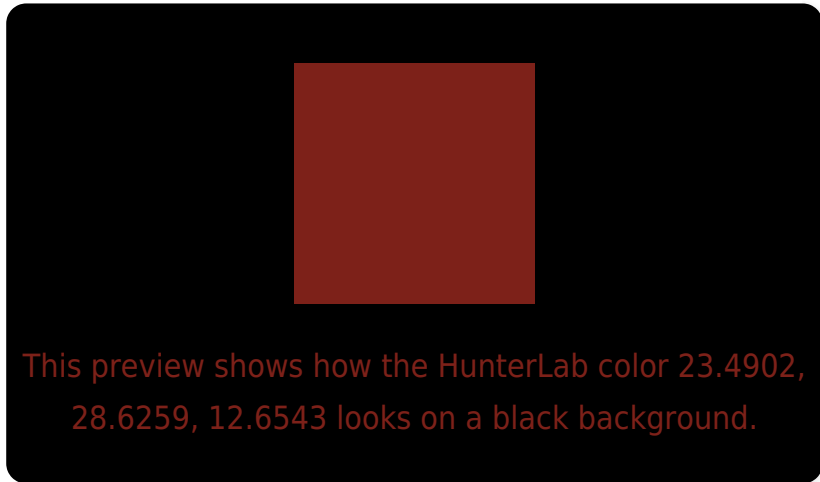
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

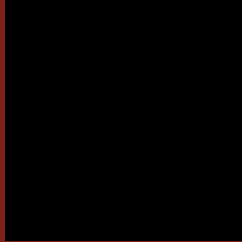
Any Text WCAG AA × Fail

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 23.4902, 28.6259, 12.6543 Background



This preview shows how black text looks on a background with the HunterLab color 23.4902, 28.6259, 12.6543.

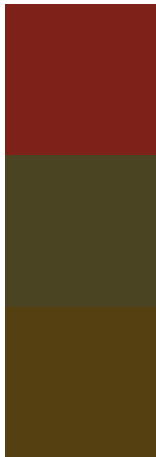


This preview shows how white text looks on a background with the HunterLab color 23.4902, 28.6259, 12.6543.

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

23.4902, 28.6259, 12.6543

Protanopia

23.9822, -2.7281, 10.7988

Deuteranopia

23.7456, 1.1493, 13.3279



Tritanopia

23.4581, 29.3231, 11.3314

Trichromacy



Original Color

23.4902, 28.6259, 12.6543

Protanomaly

22.7122, 8.4125, 10.7584

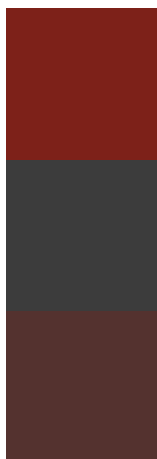
Deuteranomaly

23.0348, 11.2587, 12.6876

Tritanomaly

23.4238, 29.1799, 11.8354

Monochromacy



Original Color

23.4902, 28.6259, 12.6543

Achromatopsia

21.2570, -1.1342, 1.1549

Achromatomaly

20.9076, 8.7451, 5.4098

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 23.4902, 28.6259, 12.6543 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(125, 33, 25)` looks like.

```
.text, #text, p{  
  color:rgb(125, 33, 25)  
}
```

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(125, 33, 25) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 33, 25) }
```

Border

The CSS property to change the border of an element to HunterLab 23.4902, 28.6259, 12.6543 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(125, 33, 25) }
```


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

```
.border{ border-color:rgb(125, 33, 25) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 33, 25)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 33, 25); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 33, 25);  
box-shadow:4px 4px 4px 4px rgb(125, 33,  
25) }
```

Background

The CSS property to change the background color of an element to HunterLab 23.4902, 28.6259, 12.6543 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 33, 25) }
```

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

```
.background{ background-color: rgb(125, 33,  
25) }
```

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