

Converting Colors

HunterLab(23.8355, 41.1719,
12.6666)

Have a look what the booklet for
HunterLab(23.8355, 41.1719,
12.6666) contains.

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Color

**HunterLab(23.7893, 41.0923,
12.6402)**

Conversions

Conversions Part 1

Format	Color
Hex	8C001C
RGB	140, 0, 28
RGB Percent	55%, 0%, 11%
CMY	0.4510, 0.9999, 0.8902
CMYK	0.00, 1.00, 0.80, 0.45
HSL	348°, 100%, 27%
HSV	348°, 100%, 55%
XYZ	11.0249, 5.6593, 1.6099
YIQ	45.0520, 74.4520, 38.3880

Conversions

Conversions Part 2

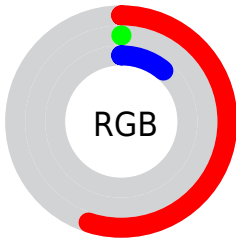
Format	Color
R_{YB}	140, 0, 28
Decimal	9175068
CIE Lab	28.54, 51.88, 27.70
CIE LCh	29, 58.808, 28.100
Yxy	5.6597, 0.6026, 0.3094
Android (android.graphics.Color)	4287365148 (0xFF8C001C)
YUV	45.0520, -8.4066, 83.2694
Hunter-Lab	23.7893, 41.0923, 12.6402

Details

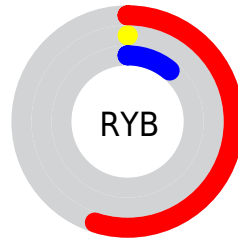
The HunterLab color **23.7893, 41.0923, 12.6402** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **44.6391, -28.9182, 6.6327**, and the grayscale version is **16.2291, -0.8659, 0.8818**.

A 20% lighter version of the original color is **41.5520, 45.1924, 17.6472**, and **13.2262, 22.6503, 8.5465** is the 20% darker color. If you saturate the color by 10%, you get **23.7891, 41.0916, 12.6423**, and if you desaturate by 10%, it is **24.5720, 39.3917, 11.1569**.

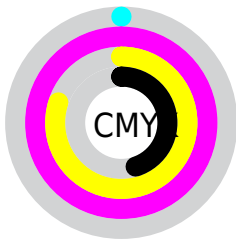
Distribution



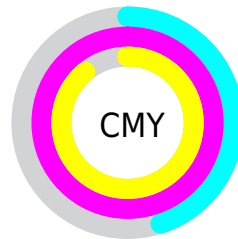
- Red (55%)
- Green (0%)
- Blue (11%)



- Red (55%)
- Yellow (0%)
- Blue (11%)



- Cyan (0%)
- Magenta (100%)
- Yellow (80%)
- Black (45%)



- Cyan (45%)
- Magenta (100%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 23.7893, 41.0923, 12.6402 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 23.7893, 41.0923, 12.6402 by changing the saturation by 10% instead.

■ 23.7893, 41.0923,
12.6402

■ 23.7893, 41.0923,
12.6402

124.9039, 55.4387,
32.3732

■ 16.2458, 39.1542,
10.2848

■ 41.4980, 44.9744,
17.6985

■ 9.7285, 37.6282,
6.8100

■ 51.5076, 46.7824,
20.0034

0.0000, INF, NaN

0.0000, INF, NaN

■ 62.2134, 48.4805,
22.2085

0.0000, NaN, NaN

■ 73.5726, 50.0697,
24.3373

0.0000, NaN, NaN

■ 85.5497, 51.5543,
26.4069

0.0000, NaN, NaN


0.0000, NaN, NaN


■ 98.1143, 52.9402,


28.4299


0.0000, NaN, NaN


 111.2400, 54.2331,
30.4162


 23.7893, 41.0923,
12.6402


 23.7893, 41.0923,
12.6402


 23.7891, 41.0916,
12.6423

 24.5720, 39.3917,
11.1569

 25.7693, 36.7464,
9.4740

 27.5248, 32.9110,
7.8420

 29.8061, 28.2462,
6.3894

 32.5550, 23.1195,
5.1867

■ 35.7057, 17.8123,
4.2532

■ 39.1962, 12.5023,
3.5758

■ 42.9728, 7.2851,
3.1261

■ 46.9913, 2.2015,
2.8719

Harmonies

Analogous

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



23.7901, 48.3116, 0.0951



23.7893, 41.0923, 12.6402



23.7901, 21.6754, 16.6530

Triad

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



23.7901, 41.0893, 12.6407



23.7901, -25.2819, 13.4131



23.7901, -2.4881, -67.8531

Complementary

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



23.7893, 41.0923, 12.6402



44.6391, -28.9182, 6.6327

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.



23.7901, -17.8704, -52.3607



23.7893, 41.0923, 12.6402



23.7901, -28.1514, 2.4354

Square

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



23.7901, 41.0893, 12.6407



23.7901, -16.3424, 16.6530



23.7901, -25.9460, -22.0413



23.7901, 18.8430, -55.5958

Rectangle

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



23.7893, 41.0923, 12.6402



23.7901, 6.8715, 16.6530



23.7901, -25.9460, -22.0413



23.7901, -8.4465, -65.5709

Sweetspot

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



23.7901, 41.0893, 12.6407



51.7333, 17.0530, 4.7964



23.1059, 47.7594, -48.5911



23.9861, 9.4432, 2.4488



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.



23.7901, 41.0893, 12.6407



31.5569, 54.4494, 17.2337



26.8930, 30.2215, 17.0992



22.5031, 0.8449, 1.3587



22.4297, 38.7542, 11.8371



1.8747, 3.3296, 0.2876

Inverse Universe

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



23.7901, 41.0893, 12.6407



31.5569, 54.4494, 17.2337



32.6036, -7.2240, -25.1551



22.5031, 0.8449, 1.3587



22.4297, 38.7542, 11.8371



1.8747, 3.3296, 0.2876

Previews

White Background



This preview shows how the HunterLab color 23.7893, 41.0923, 12.6402 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

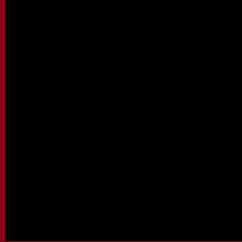
Any Text WCAG AA × Fail

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 23.7893, 41.0923, 12.6402 Background



This preview shows how black text looks on a background with the HunterLab color 23.7893, 41.0923, 12.6402.



This preview shows how white text looks on a background with the HunterLab color 23.7893, 41.0923,

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

23.7893, 41.0923, 12.6402

Protanopia

25.0173, -2.7549, 9.9508

Deuteranopia

24.8633, 1.2603, 13.9781



Tritanopia

24.1628, 38.5827, 15.5644

Trichromacy



Original Color

23.7893, 41.0923, 12.6402

Protanomaly

21.7395, 15.6860, 8.6693

Deuteranomaly

22.3021, 18.5426, 12.0491

Tritanomaly

24.0230, 39.3734, 14.7834

Monochromacy



Original Color

23.7893, 41.0923, 12.6402

Achromatopsia

16.1991, -0.8643, 0.8801

Achromatomaly

16.5248, 15.5191, 3.5673

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 23.7893, 41.0923, 12.6402 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(140, 0, 28)` looks like.

```
.text, #text, p{  
    color:rgb(140, 0, 28)  
}
```

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(140, 0, 28) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 0, 28) }
```

Border

The CSS property to change the border of an element to HunterLab 23.7893, 41.0923, 12.6402 is called "border". The border property can be set on classes, ids or directly on the HTML element.

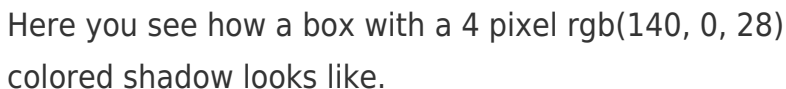
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(140, 0, 28) }
```


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

```
.border{ border-color:rgb(140, 0, 28) }
```

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



Here you see how a box with a 4 pixel `rgb(140, 0, 28)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 0, 28); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 0, 28);  
box-shadow:4px 4px 4px 4px rgb(140, 0, 28)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 23.7893, 41.0923, 12.6402 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 0, 28) }
```

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

```
.background{ background-color: rgb(140, 0,  
28) }
```

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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