

Converting Colors

HunterLab(23.4351, 40.6213,
11.3612)

Have a look what the booklet for
HunterLab(23.4351, 40.6213,
11.3612) contains.

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Color

**HunterLab(23.4921, 40.7225,
11.3691)**

Conversions

Conversions Part 1

Format	Color
Hex	8A0022
RGB	138, 0, 34
RGB Percent	54%, 0%, 13%
CMY	0.4588, 0.9999, 0.8667
CMYK	0.00, 1.00, 0.75, 0.46
HSL	345°, 100%, 27%
HSV	345°, 100%, 54%
XYZ	10.7700, 5.5188, 2.0110
YIQ	45.1380, 71.3340, 39.8300

Conversions

Conversions Part 2

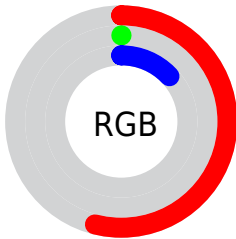
Format	Color
R_{YB}	138, 0, 34
Decimal	9044002
CIE _{Lab}	28.17, 51.58, 23.28
CIE _{LCh}	28, 56.595, 24.290
Yxy	5.5191, 0.5885, 0.3016
Android (android.graphics.Color)	4287234082 (0xFF8A0022)
YUV	45.1380, -5.4910, 81.4400
Hunter-Lab	23.4921, 40.7225, 11.3691

Details

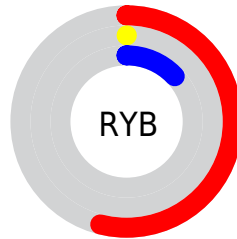
The HunterLab color **23.4921, 40.7225, 11.3691** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **43.7914, -29.3995, 8.7312**, and the grayscale version is **16.2487, -0.8670, 0.8828**.

A 20% lighter version of the original color is **41.1535, 44.4583, 15.7528**, and **12.8929, 22.0795, 8.3311** is the 20% darker color. If you saturate the color by 10%, you get **23.4918, 40.7218, 11.3714**, and if you desaturate by 10%, it is **24.2844, 39.0769, 9.7332**.

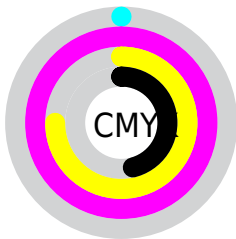
Distribution



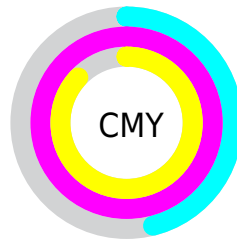
- Red (54%)
- Green (0%)
- Blue (13%)



- Red (54%)
- Yellow (0%)
- Blue (13%)



- Cyan (0%)
- Magenta (100%)
- Yellow (75%)
- Black (46%)



- Cyan (46%)
- Magenta (100%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 23.4921, 40.7225, 11.3691 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 23.4921, 40.7225, 11.3691 by changing the saturation by 10% instead.

■ 23.4921, 40.7225,
11.3691

■ 23.4921, 40.7225,
11.3691

124.3866, 55.0168,
28.6569

■ 15.9842, 38.7924,
9.1041

■ 41.1400, 44.5944,
15.7250

■ 9.5083, 37.2885,
6.6558

■ 51.1228, 46.3970,
17.7258

0.0000, INF, NaN

0.0000, INF, NaN

■ 61.8035, 48.0895,
19.6507

0.0000, NaN, NaN

■ 73.1391, 49.6728,
21.5191

0.0000, NaN, NaN

■ 85.0938, 51.1514,
23.3449

0.0000, NaN, NaN


0.0000, NaN, NaN


■ 97.6370, 52.5310,


25.1382


0.0000, NaN, NaN


 110.7423, 53.8176,
26.9069


 23.4921, 40.7225,
11.3691


 23.4921, 40.7225,
11.3691


 23.4918, 40.7218,
11.3714

 24.2844, 39.0769,
9.7332

 25.4749, 36.5050,
7.9819

 27.2070, 32.7493,
6.3721

 29.4495, 28.1601,
5.0182

 32.1461, 23.0959,
3.9717

■ 35.2335, 17.8336,
3.2346

■ 38.6519, 12.5508,
2.7803

■ 42.3495, 7.3444,
2.5713

■ 46.2834, 2.2580,
2.5692

Harmonies

Analogous

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



23.4928, 45.6122, -2.3409



23.4921, 40.7225, 11.3691



23.4928, 23.3030, 15.9850

Triad

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



23.4928, 40.7196, 11.3696



23.4928, -23.7120, 13.6923



23.4928, -4.6883, -63.3878

Complementary

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



23.4921, 40.7225, 11.3691



43.7914, -29.3995, 8.7312

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.



23.4928, -18.6116, -46.0826



23.4921, 40.7225, 11.3691



23.4928, -27.1947, 4.4008

Square

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



23.4928, 40.7196, 11.3696



23.4928, -14.1621, 16.4450



23.4928, -25.6692, -17.3174



23.4928, 15.2290, -55.1391

Rectangle

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



23.4921, 40.7225, 11.3691



23.4928, 9.1665, 16.4450



23.4928, -25.6692, -17.3174



23.4928, -10.1263, -60.1186

Sweetspot

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



23.4928, 40.7196, 11.3696



51.0076, 17.1200, 3.7203



21.7918, 45.7348, -51.1907



23.3590, 9.3120, 1.8503



83.1908, -4.4389, 4.5199



31.6988, -1.6914, 1.7223

Same Dimension

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



23.4928, 40.7196, 11.3696



31.1541, 53.9351, 15.6136



25.6455, 32.1575, 16.3644



22.5111, 0.8881, 1.2444



22.4988, 39.0093, 10.8209



1.8885, 3.3798, 0.0904

Inverse Universe

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



23.4928, 40.7196, 11.3696



31.1541, 53.9351, 15.6136



34.1119, -10.0461, -20.9484



22.5111, 0.8881, 1.2444



22.4988, 39.0093, 10.8209



1.8885, 3.3798, 0.0904

Previews

White Background



This preview shows how the HunterLab color 23.4921, 40.7225, 11.3691 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 23.4921, 40.7225, 11.3691 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

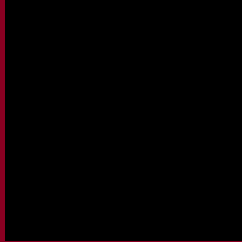
Any Text WCAG AA × Fail

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 23.4921, 40.7225, 11.3691 Background



This preview shows how black text looks on a background with the HunterLab color 23.4921, 40.7225, 11.3691.



This preview shows how white text looks on a background with the HunterLab color 23.4921, 40.7225,

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

23.4921, 40.7225, 11.3691

Protanopia

24.7289, -2.2083, 7.6900

Deuteranopia

24.7288, 0.9302, 12.9109



Tritanopia

23.9522, 37.7312, 14.7800

Trichromacy



Original Color

23.4921, 40.7225, 11.3691

Protanomaly

21.5938, 15.5205, 6.7611

Deuteranomaly

22.0922, 18.1357, 10.8110

Tritanomaly

23.7536, 38.7487, 13.8868

Monochromacy



Original Color

23.4921, 40.7225, 11.3691

Achromatopsia

16.1991, -0.8643, 0.8801

Achromatomaly

16.4350, 15.3783, 2.8284

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 23.4921, 40.7225, 11.3691 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(138, 0, 34)` looks like.

```
.text, #text, p{  
    color:rgb(138, 0, 34)  
}
```

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(138, 0, 34) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 0, 34) }
```

Border

The CSS property to change the border of an element to HunterLab 23.4921, 40.7225, 11.3691 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(138, 0, 34) }
```


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

```
.border{ border-color:rgb(138, 0, 34) }
```

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

Here you see how a box with a 4 pixel rgb(138, 0, 34) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 0, 34); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 0, 34);  
box-shadow:4px 4px 4px 4px rgb(138, 0, 34)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 23.4921, 40.7225, 11.3691 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 0, 34) }
```

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

```
.background{ background-color: rgb(138, 0,  
34) }
```

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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