

Converting Colors

HunterLab(23.1519, 40.4982,
8.3725)

Have a look what the booklet for
HunterLab(23.1519, 40.4982,
8.3725) contains.

HunterLab(23.1261, 40.4570, 8.3317)	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(23.1261, 40.4570,
8.3317)**

Conversions

Conversions Part 1

Format	Color
Hex	87002E
RGB	135, 0, 46
RGB Percent	53%, 0%, 18%
CMY	0.4706, 0.9999, 0.8196
CMYK	0.00, 1.00, 0.66, 0.47
HSL	340°, 100%, 26%
HSV	340°, 100%, 53%
XYZ	10.4848, 5.3482, 3.0645
YIQ	45.6090, 65.6940, 42.9260

Conversions

Conversions Part 2

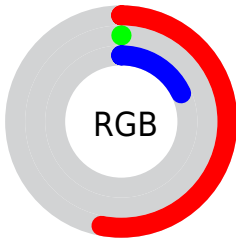
Format	Color
R_{YB}	135, 0, 46
Decimal	8847406
CIE Lab	27.71, 51.41, 14.52
CIE LCh	28, 53.423, 15.768
Yxy	5.3485, 0.5548, 0.2830
Android (android.graphics.Color)	4287037486 (0xFF87002E)
YUV	45.6090, 0.1928, 78.3959
Hunter-Lab	23.1261, 40.4570, 8.3317

Details

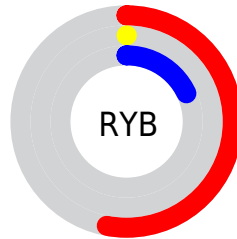
The HunterLab color **23.1261, 40.4570, 8.3317** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **42.4847, -30.3668, 12.4525**, and the grayscale version is **16.3870, -0.8744, 0.8903**.

A 20% lighter version of the original color is **40.5967, 44.4388, 11.3385**, and **12.7267, 21.7949, 8.2237** is the 20% darker color. If you saturate the color by 10%, you get **23.1258, 40.4563, 8.3344**, and if you desaturate by 10%, it is **23.9312, 38.8964, 6.5031**.

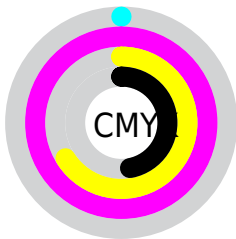
Distribution



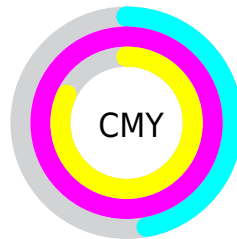
- Red (53%)
- Green (0%)
- Blue (18%)



- Red (53%)
- Yellow (0%)
- Blue (18%)



- Cyan (0%)
- Magenta (100%)
- Yellow (66%)
- Black (47%)



- Cyan (47%)
- Magenta (100%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 23.1261, 40.4570, 8.3317 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 23.1261, 40.4570, 8.3317 by changing the saturation by 10% instead.

■ 23.1261, 40.4570,
8.3317

■ 23.1261, 40.4570,
8.3317

123.7475, 54.7403,
20.8983

■ 15.6626, 38.5357,
6.6950

■ 40.6984, 44.3258,
11.3170

■ 9.2360, 37.0825,
6.4652

■ 50.6480, 46.1279,
12.7314

0.0000, INF, NaN

■ 61.2976, 47.8198,
14.1175

0.0000, NaN, NaN

■ 72.6039, 49.4022,
15.4858

0.0000, NaN, NaN

■ 84.5308, 50.8796,
16.8435

0.0000, NaN, NaN


■ 97.0476, 52.2578,


0.0000, NaN, NaN


18.1957


0.0000, NaN, NaN


 110.1276, 53.5428,
19.5463


 23.1261, 40.4570,
8.3317


 23.1261, 40.4570,
8.3317


 23.1258, 40.4563,
8.3344

 23.9312, 38.8964,
6.5031

 25.1066, 36.4293,
4.7233

 26.7967, 32.7793,
3.2530

 28.9723, 28.2803,
2.1728

 31.5812, 23.2783,
1.4955

■ 34.5642, 18.0456,
1.1903

■ 37.8652, 12.7610,
1.2063

■ 41.4352, 7.5258,
1.4901

■ 45.2335, 2.3890,
1.9933

Harmonies

Analogous

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



23.1268, 40.8302, -7.9875



23.1261, 40.4570, 8.3317



23.1268, 26.9599, 14.4880

Triad

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



23.1268, 40.4542, 8.3323



23.1268, -20.6225, 14.3065



23.1268, -8.8829, -55.5179

Complementary

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



23.1261, 40.4570, 8.3317



42.4847, -30.3668, 12.4525

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.



23.1268, -20.2179, -35.0090



23.1261, 40.4570, 8.3317



23.1268, -25.5123, 7.7839

Square

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



23.1268, 40.4542, 8.3323



23.1268, -9.6253, 16.1888



23.1268, -25.3902, -9.1395



23.1268, 8.5529, -54.8924

Rectangle

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



23.1261, 40.4570, 8.3317



23.1268, 14.1217, 16.1888



23.1268, -25.3902, -9.1395



23.1268, -13.4029, -50.4520

Sweetspot

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



23.1268, 40.4542, 8.3323



50.3574, 17.5599, 1.6006



19.5255, 42.3917, -56.8288



23.4361, 9.6994, 0.7492



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.



23.1268, 40.4542, 8.3323



30.9029, 53.9757, 11.8014



23.7920, 35.2390, 15.2762



21.7094, 0.9262, 0.9748



22.2124, 38.8684, 7.9273



1.3549, 2.4609, -0.2136

Inverse Universe

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



23.1268, 40.4542, 8.3323



30.9029, 53.9757, 11.8014



37.3556, -15.3143, -13.6303



21.7094, 0.9262, 0.9748



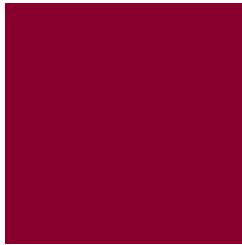
22.2124, 38.8684, 7.9273



1.3549, 2.4609, -0.2136

Previews

White Background



This preview shows how the HunterLab color 23.1261, 40.4570, 8.3317 looks on a white background.

Color Contrast Check

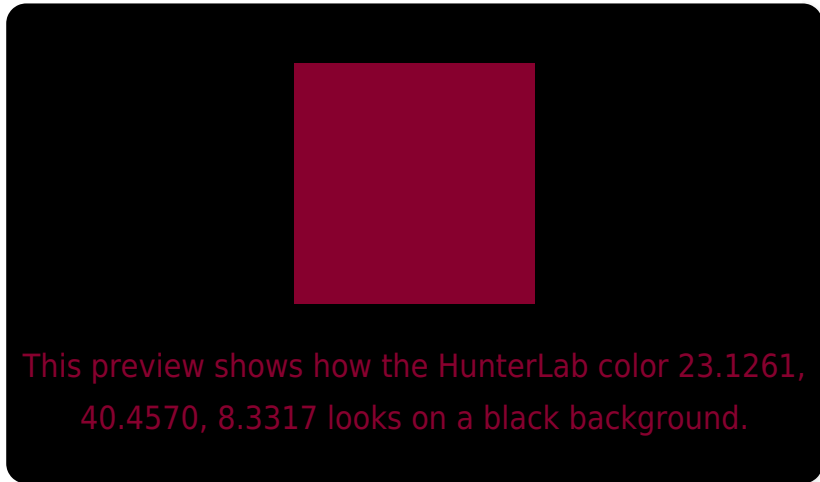
Large Text (above 18pt) WCAG AA ✓ Pass

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

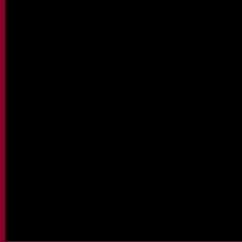
Any Text WCAG AA × Fail

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 23.1261, 40.4570, 8.3317 Background



This preview shows how black text looks on a background with the HunterLab color 23.1261, 40.4570, 8.3317.



This preview shows how white text looks on a background with the HunterLab color 23.1261, 40.4570,

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

23.1261, 40.4570, 8.3317

Protanopia

24.5218, -0.9117, 1.8714

Deuteranopia

24.3607, 1.2404, 10.1468



Tritanopia

23.6040, 35.5100, 13.9350

Trichromacy



Original Color

23.1261, 40.4570, 8.3317

Protanomaly

21.2304, 16.0880, 1.4250

Deuteranomaly

21.6948, 18.3070, 7.7024

Tritanomaly

23.2603, 37.2689, 12.3423

Monochromacy



Original Color

23.1261, 40.4570, 8.3317

Achromatopsia

16.5290, -0.8819, 0.8981

Achromatomaly

16.4185, 15.5637, 1.0555

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 23.1261, 40.4570, 8.3317 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(135, 0, 46)` looks like.

```
.text, #text, p{  
    color:rgb(135, 0, 46)  
}
```

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(135, 0, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 0, 46) }
```

Border

The CSS property to change the border of an element to HunterLab 23.1261, 40.4570, 8.3317 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(135, 0, 46) }
```


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

```
.border{ border-color:rgb(135, 0, 46) }
```

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

Here you see how a box with a 4 pixel rgb(135, 0, 46) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 0, 46); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 0, 46);  
box-shadow:4px 4px 4px 4px rgb(135, 0, 46)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 23.1261, 40.4570, 8.3317 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 0, 46) }
```

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

```
.background{ background-color: rgb(135, 0,  
46) }
```

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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