

Converting Colors

HunterLab(30.8490, 45.8274,
13.4442)

Have a look what the booklet for
HunterLab(30.8490, 45.8274,
13.4442) contains.

HunterLab(30.8390, 45.9079, 13.3310)	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(30.8390, 45.9079,
13.3310)**

Conversions

Conversions Part 1

Format	Color
Hex	A81E35
RGB	168, 30, 53
RGB Percent	66%, 12%, 21%
CMY	0.3412, 0.8823, 0.7922
CMYK	0.00, 0.82, 0.68, 0.34
HSL	350°, 70%, 39%
HSV	350°, 82%, 66%
XYZ	17.2554, 9.5104, 4.2944
YIQ	73.8840, 74.8650, 36.4090

Conversions

Conversions Part 2

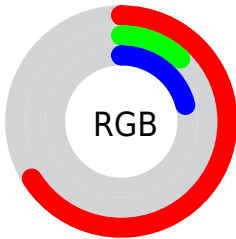
Format	Color
R_{YB}	168, 30, 53
Decimal	11017781
CIE _{Lab}	36.95, 54.88, 23.21
CIE _{LCh}	37, 59.592, 22.926
Yxy	9.5110, 0.5555, 0.3062
Android (android.graphics.Color)	4289207861 (0xFFA81E35)
YUV	73.8840, -10.2958, 82.5397
Hunter-Lab	30.8390, 45.9079, 13.3310

Details

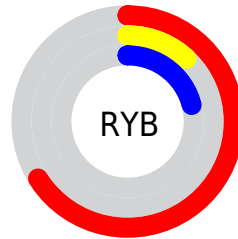
The HunterLab color **30.8390, 45.9079, 13.3310** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **55.0691, -32.6774, 4.5149**, and the grayscale version is **26.1460, -1.3951, 1.4206**.

A 20% lighter version of the original color is **49.8710, 49.5290, 17.5635**, and **17.9166, 30.8051, 10.6292** is the 20% darker color. If you saturate the color by 10%, you get **29.6050, 48.6480, 15.2502**, and if you desaturate by 10%, it is **32.7843, 41.5603, 11.3253**.

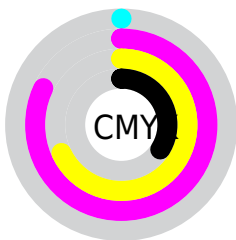
Distribution



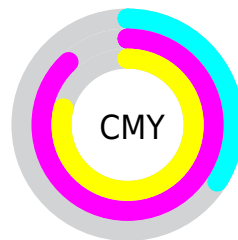
- Red (66%)
- Green (12%)
- Blue (21%)



- Red (66%)
- Yellow (12%)
- Blue (21%)



- Cyan (0%)
- Magenta (82%)
- Yellow (68%)
- Black (34%)



- Cyan (34%)
- Magenta (88%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 30.8390, 45.9079, 13.3310 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 30.8390, 45.9079, 13.3310 by changing the saturation by 10% instead.

30.8390, 45.9079,
13.3310

30.8390, 45.9079,
13.3310

136.8012, 60.4030,
30.1241

22.5299, 43.8675,
11.0649

49.8715, 49.8255,
17.4533

15.1390, 41.9572,
8.9516

60.4698, 51.6387,
19.3820

8.7717, 40.9505,
6.1402

71.7279, 53.3447,
21.2525

0.0000, INF, NaN

0.0000, NaN, NaN

83.6091, 54.9460,
23.0792

0.0000, NaN, NaN

96.0822, 56.4471,
24.8726

0.0000, NaN, NaN

109.1205, 57.8534,

0.0000, NaN, NaN

26.6407

0.0000, NaN, NaN

122.7004, 59.1704,
28.3896

■ 30.8390, 45.9079,
13.3310

■ 30.8390, 45.9079,
13.3310

■ 29.6050, 48.6480,
15.2502

■ 32.7843, 41.5603,
11.3253

■ 28.9975, 49.9481,
16.4978

■ 35.4149, 36.0331,
9.4198

■ 38.6639, 29.8110,
7.7429

■ 42.4473, 23.2922,
6.3528

■ 46.6823, 16.7383,
5.2561

■ 51.2966, 10.2930,
4.4307

■ 56.2297, 4.0199,
3.8433

■ 61.4333, -2.0639,
3.4588

■ 66.8685, -7.9657,
3.2451

Harmonies

Analogous

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



30.8399, 50.4743, -3.5187



30.8390, 45.9079, 13.3310



30.8399, 27.1529, 19.3972

Triad

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



30.8399, 45.9045, 13.3316



30.8399, -28.0080, 17.1464



30.8399, -6.5337, -67.4868

Complementary

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



30.8390, 45.9079, 13.3310



55.0691, -32.6774, 4.5149

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.



30.8399, -22.6694, -48.4406



30.8390, 45.9079, 13.3310



30.8399, -32.6911, 6.1042

Square

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



30.8399, 45.9045, 13.3316



30.8399, -16.0438, 20.4021



30.8399, -31.0445, -17.6979



30.8399, 15.9971, -60.1421

Rectangle

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



30.8390, 45.9079, 13.3310



30.8399, 11.3319, 20.6818



30.8399, -31.0445, -17.6979



30.8399, -12.7814, -63.6827

Sweetspot

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



30.8399, 45.9045, 13.3316



66.9841, 16.7281, 6.3002



31.2670, 54.9498, -50.0192



30.2967, 9.1719, 3.1154



92.0917, -4.9138, 5.0035



39.3538, -2.0998, 2.1382

Same Dimension

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



30.8399, 45.9045, 13.3316



39.1108, 67.0294, 22.4469



36.8627, 27.3382, 21.2163



27.4990, 1.0810, 1.7708



25.2096, 43.4444, 14.1792



4.0050, 7.0447, 1.1464

Inverse Universe

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



30.8399, 45.9045, 13.3316



39.1108, 67.0294, 22.4469



41.2594, -9.1974, -27.9719



27.4990, 1.0810, 1.7708



25.2096, 43.4444, 14.1792



4.0050, 7.0447, 1.1464

Previews

White Background



This preview shows how the HunterLab color 30.8390, 45.9079, 13.3310 looks on a white background.

Color Contrast Check

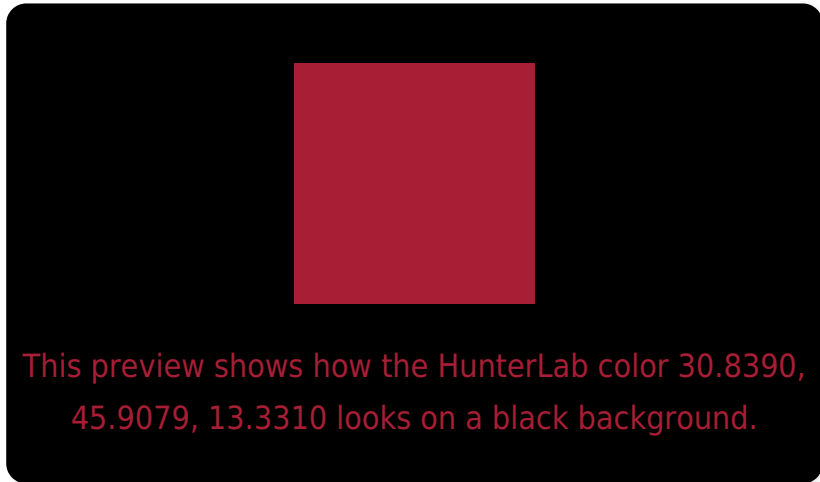
Large Text (above 18pt) WCAG AA ✓ Pass

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

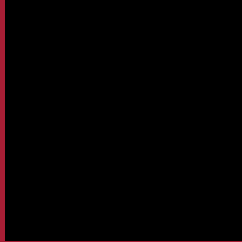
Any Text WCAG AA × Fail

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 30.8390, 45.9079, 13.3310 Background



This preview shows how black text looks on a background with the HunterLab color 30.8390, 45.9079, 13.3310.



This preview shows how white text looks on a background with the HunterLab color 30.8390, 45.9079, 13.3310.

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

30.8390, 45.9079, 13.3310

Protanopia

31.3283, -1.9842, 6.6717

Deuteranopia

31.2876, 2.1278, 14.4184



Tritanopia

30.7815, 43.5375, 16.8147

Trichromacy



Original Color

30.8390, 45.9079, 13.3310

Protanomaly

29.0045, 15.4983, 7.2889

Deuteranomaly

29.3843, 19.0054, 12.5762

Tritanomaly

30.7625, 44.1149, 15.6848

Monochromacy



Original Color

30.8390, 45.9079, 13.3310

Achromatopsia

26.1683, -1.3963, 1.4218

Achromatomaly

25.7053, 15.2959, 4.2188

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 30.8390, 45.9079, 13.3310 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(168, 30, 53)` looks like.

```
.text, #text, p{  
  color:rgb(168, 30, 53)  
}
```

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(168, 30, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 30, 53) }
```

Border

The CSS property to change the border of an element to HunterLab 30.8390, 45.9079, 13.3310 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(168, 30, 53) }
```


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

```
.border{ border-color:rgb(168, 30, 53) }
```

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

Here you see how a box with a 4 pixel rgb(168, 30, 53) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 30, 53); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 30, 53);  
box-shadow:4px 4px 4px 4px rgb(168, 30,  
53) }
```

Background

The CSS property to change the background color of an element to HunterLab 30.8390, 45.9079, 13.3310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 30, 53) }
```

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

```
.background{ background-color: rgb(168, 30,  
53) }
```

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