

Converting Colors

HunterLab(35.8699, 8.0033,
20.8146)

Have a look what the booklet for
HunterLab(35.8699, 8.0033,
20.8146) contains.

HunterLab(35.8699, 8.0033, 20.8146)	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(35.8699, 8.0033,
20.8146)**

Conversions

Conversions Part 1

Format	Color
Hex	895B18
RGB	137, 91, 24
RGB Percent	54%, 36%, 9%
CMY	0.4627, 0.6431, 0.9059
CMYK	0.00, 0.34, 0.82, 0.46
HSL	36°, 70%, 32%
HSV	36°, 82%, 54%
XYZ	14.2225, 12.8665, 2.5980
YIQ	97.1160, 48.9230, -11.0850

Conversions

Conversions Part 2

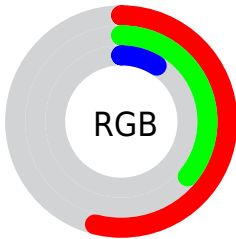
Format	Color
RYB	102, 137, 24
Decimal	9001752
CIELab	42.56, 13.03, 43.39
CIELCh	43, 45.303, 73.288
Yxy	12.8672, 0.4791, 0.4334
Android (android.graphics.Color)	4287191832 (0xFF895B18)
YUV	97.1160, -36.0462, 34.9783
Hunter-Lab	35.8699, 8.0033, 20.8146

Details

The HunterLab color **35.8699, 8.0033, 20.8146** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **25.2595, 5.8427, -39.8845**, and the grayscale version is **34.7360, -1.8534, 1.8873**.

A 20% lighter version of the original color is **55.6778, 8.2820, 27.7411**, and **19.1588, 7.6344, 11.9392** is the 20% darker color. If you saturate the color by 10%, you get **34.5042, 10.2595, 20.9326**, and if you desaturate by 10%, it is **37.3208, 5.9414, 20.2276**.

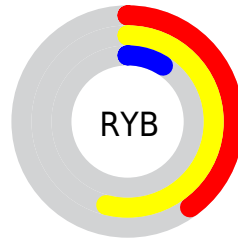
Distribution



Red (54%)

Green (36%)

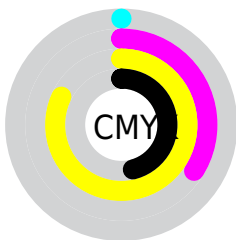
Blue (9%)



Red (40%)

Yellow (54%)

Blue (9%)

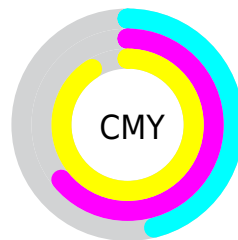


Cyan (0%)

Magenta (34%)

Yellow (82%)

Black (46%)



Cyan (46%)

Magenta (64%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 35.8699, 8.0033, 20.8146 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 35.8699, 8.0033, 20.8146 by changing the saturation by 10% instead.

■ 35.8699, 8.0033,
20.8146

■ 35.8699, 8.0033,
20.8146

144.9360, 7.5739,
47.8387

■ 27.0871, 7.6788,
17.0095

■ 55.7359, 8.3619,
27.7180

■ 19.1672, 7.2373,
13.4170

■ 66.7094, 8.4243,
30.8996

■ 12.2181, 6.6488,
8.5527

■ 78.3213, 8.4195,
33.9458

■ 5.3261, 10.3739,
3.7283

■ 90.5383, 8.3540,
36.8810

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 103.3317, 8.2327,
39.7242

0.0000, NaN, NaN

■ 116.6766, 8.0600,

0.0000, NaN, NaN

42.4905

0.0000, NaN, NaN

130.5513, 7.8394,
45.1920

35.8699, 8.0033,
20.8146

35.8699, 8.0033,
20.8146

34.5042, 10.2595,
20.9326

37.3208, 5.9414,
20.2276

33.5231, 12.0265,
20.8673

38.8517, 4.0942,
19.1611

40.4601, 2.4655,
17.6232

42.1421, 1.0547,
15.6322

43.8937, -0.1431,
13.2119

■ 45.7109, -1.1356,
10.3891

■ 47.5898, -1.9325,
7.1916

■ 49.5267, -2.5443,
3.6471

■ 51.5181, -2.9822,
-0.2181

Harmonies

Analogous

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



35.8708, 25.1875, 17.4241



35.8699, 8.0033, 20.8146



35.8708, -9.1408, 20.9698

Triad

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



35.8708, 8.0013, 20.8149



35.8708, -28.5599, -5.9760



35.8708, 23.4295, -28.9541

Complementary

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



35.8699, 8.0033, 20.8146



25.2595, 5.8427, -39.8845

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.



35.8708, 5.9304, -43.5582



35.8699, 8.0033, 20.8146



35.8708, -22.7873, -26.6693

Square

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



35.8708, 8.0013, 20.8149



35.8708, -28.2135, 9.8092



35.8708, -10.8606, -42.5680



35.8708, 35.1707, -8.2171

Rectangle

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



35.8699, 8.0033, 20.8146



35.8708, -18.1866, 19.4577



35.8708, -10.8606, -42.5680



35.8708, 17.8978, -35.0980

Sweetspot

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



35.8708, 8.0013, 20.8149



60.4153, -1.1402, 15.1183



25.3529, 38.5931, 2.3238



28.2632, -0.3512, 7.7051



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.



35.8708, 8.0013, 20.8149



44.6696, 16.5241, 27.7464



47.4490, -15.5091, 27.8864



23.4715, -1.0492, 2.9451



32.3915, 11.5311, 20.1614



3.1394, 0.0022, 1.9345

Inverse Universe

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



25.2595, 5.8427, -39.8845



28.4707, 16.2481, -70.4345



16.7026, 29.3636, -73.2045



22.8140, -1.3442, -0.5344



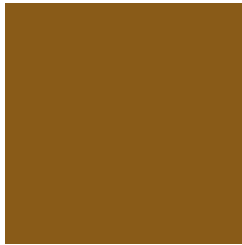
20.7808, 11.0833, -49.8999



2.3715, -0.3511, -2.2062

Previews

White Background



This preview shows how the HunterLab color 35.8699, 8.0033, 20.8146 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 × Fail

Black Background



This preview shows how the HunterLab color 35.8699, 8.0033, 20.8146 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

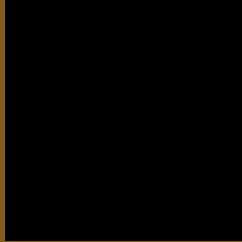
Any Text WCAG AA × Fail

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 35.8699, 8.0033, 20.8146 Background



This preview shows how black text looks on a background with the HunterLab color 35.8699, 8.0033, 20.8146.



This preview shows how white text looks on a background with the HunterLab color 35.8699, 8.0033,

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

35.8699, 8.0033, 20.8146

Protanopia

35.9127, -4.8847, 20.3318

Deuteranopia

35.9662, 1.9754, 20.9455



Tritanopia

35.9375, 17.1833, 6.1163

Trichromacy



Original Color

35.8699, 8.0033, 20.8146

Protanomaly

35.7233, -0.1206, 20.3884

Deuteranomaly

35.9062, 4.3631, 20.8631

Tritanomaly

35.7730, 13.4244, 13.4771

Monochromacy



Original Color

35.8699, 8.0033, 20.8146

Achromatopsia

34.5743, -1.8448, 1.8785

Achromatomaly

34.7439, 0.2318, 11.5251

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 35.8699, 8.0033, 20.8146 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(137, 91, 24)` looks like.

```
.text, #text, p{  
    color:rgb(137, 91, 24)  
}
```

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(137, 91, 24) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 91, 24) }
```

Border

The CSS property to change the border of an element to HunterLab 35.8699, 8.0033, 20.8146 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(137, 91, 24) }
```


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

```
.border{ border-color:rgb(137, 91, 24) }
```

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

Here you see how a box with a 4 pixel rgb(137, 91, 24) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 91, 24); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 91, 24);  
box-shadow:4px 4px 4px 4px rgb(137, 91,  
24) }
```

Background

The CSS property to change the background color of an element to HunterLab 35.8699, 8.0033, 20.8146 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 91, 24) }
```

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

```
.background{ background-color: rgb(137, 91,  
24) }
```

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