

Converting Colors

HunterLab(33.3764, 12.7774,
22.3427)

Have a look what the booklet for
HunterLab(33.3764, 12.7774,
22.3427) contains.

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Color

**HunterLab(33.5057, 13.3717,
20.8801)**

Conversions

Conversions Part 1

Format	Color
Hex	8B5000
RGB	139, 80, 0
RGB Percent	55%, 31%, 0%
CMY	0.4549, 0.6863, 1.0000
CMYK	0.00, 0.42, 1.00, 0.45
HSL	35°, 100%, 27%
HSV	35°, 100%, 55%
XYZ	13.5162, 11.2263, 1.4545
YIQ	88.5210, 60.8440, -12.3720

Conversions

Conversions Part 2

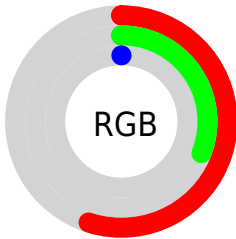
Format	Color
RYB	103, 139, 0
Decimal	9129984
CIELab	39.96, 19.78, 49.03
CIELCh	40, 52.863, 68.033
Yxy	11.2269, 0.5159, 0.4285
Android (android.graphics.Color)	4287320064 (0xFF8B5000)
YUV	88.5210, -43.6409, 44.2701
Hunter-Lab	33.5057, 13.3717, 20.8801

Details

The HunterLab color **33.5057, 13.3717, 20.8801** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **22.3428, 10.6261, -50.8645**, and the grayscale version is **31.5710, -1.6846, 1.7153**.

A 20% lighter version of the original color is **53.1569, 14.3810, 28.8337**, and **17.4386, 12.1487, 10.9583** is the 20% darker color. If you saturate the color by 10%, you get **33.5062, 13.3704, 20.8804**, and if you desaturate by 10%, it is **34.8721, 10.8718, 20.9778**.

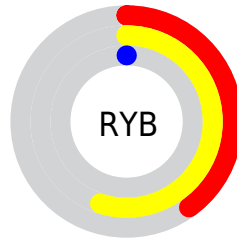
Distribution



Red (55%)

Green (31%)

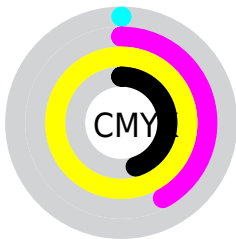
Blue (0%)



Red (40%)

Yellow (55%)

Blue (0%)

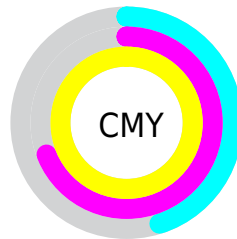


Cyan (0%)

Magenta (42%)

Yellow (100%)

Black (45%)



Cyan (45%)

Magenta (69%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 33.5057, 13.3717, 20.8801 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 33.5057, 13.3717, 20.8801 by changing the saturation by 10% instead.

■ 33.5057, 13.3717,
20.8801

■ 33.5057, 13.3717,
20.8801

■ 141.1445, 15.7591,
51.2349

■ 24.9393, 12.6458,
17.0204

■ 52.9896, 14.4630,
28.7145

■ 17.2601, 11.7768,
12.0821

■ 63.7908, 14.8629,
32.3115

■ 10.5870, 10.7396,
7.4109

■ 75.2400, 15.1796,
35.7433

0.0000, INF, NaN

0.0000, NaN, NaN

■ 87.3024, 15.4214,
39.0381

0.0000, NaN, NaN

■ 99.9483, 15.5951,
42.2182


0.0000, NaN, NaN


■ 113.1520, 15.7063,


0.0000, NaN, NaN


45.3018


0.0000, NaN, NaN


 126.8908, 15.7596,
48.3034

 33.5057, 13.3717,
20.8801

 33.5057, 13.3717,
20.8801

 33.5062, 13.3704,
20.8804

 34.8721, 10.8718,
20.9778

 36.3211, 8.5086,
20.7564

 37.8602, 6.3512,
20.0534

 39.4861, 4.4130,
18.8665

 41.1944, 2.6982,
17.2090

■ 42.9805, 1.2049,
15.1033

■ 44.8398, -0.0730,
12.5764

■ 46.7676, -1.1445,
9.6575

■ 48.7598, -2.0202,
6.3757

Harmonies

Analogous

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



33.5066, 33.0244, 17.1669



33.5057, 13.3717, 20.8801



33.5066, -6.8541, 21.3837

Triad

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



33.5066, 13.3696, 20.8804



33.5066, -31.3484, -3.5345



33.5066, 24.4874, -40.0057

Complementary

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



33.5057, 13.3717, 20.8801



22.3428, 10.6261, -50.8645

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.



33.5066, 3.5947, -55.9363



33.5057, 13.3717, 20.8801



33.5066, -26.4396, -28.3084

Square

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



33.5066, 13.3696, 20.8804



33.5066, -29.8842, 12.5844



33.5066, -14.6563, -50.7418



33.5066, 40.3951, -14.3887

Rectangle

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



33.5057, 13.3717, 20.8801



33.5066, -17.6082, 20.4763



33.5066, -14.6563, -50.7418



33.5066, 17.6475, -47.1842

Sweetspot

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



33.5066, 13.3696, 20.8804



59.8396, 0.0058, 17.0683



24.1201, 42.6682, 5.0208



28.2751, 0.2962, 8.8224



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.



33.5066, 13.3696, 20.8804



44.4655, 18.6855, 27.7265



48.1559, -16.0780, 29.3918



23.4417, -0.9993, 2.9130



31.8858, 12.5882, 19.8682



3.1086, 0.0553, 1.9164

Inverse Universe

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



22.3428, 10.6261, -50.8645



29.3672, 15.3988, -69.9479



13.8708, 37.1908, -95.2092



22.8440, -1.3939, -0.4976



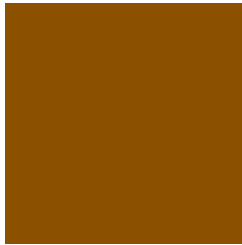
21.3027, 9.9276, -48.0574



2.4118, -0.4137, -2.1214

Previews

White Background



This preview shows how the HunterLab color 33.5057, 13.3717, 20.8801 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 33.5057, 13.3717, 20.8801 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 33.5057, 13.3717, 20.8801 Background



This preview shows how black text looks on a background with the HunterLab color 33.5057, 13.3717, 20.8801.



This preview shows how white text looks on a background with the HunterLab color 33.5057, 13.3717,

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

33.5057, 13.3717, 20.8801

Protanopia

33.6666, -4.7512, 20.1044

Deuteranopia

33.6235, 1.6891, 20.7482



Tritanopia

33.5075, 21.5468, 7.5953

Trichromacy



Original Color

33.5057, 13.3717, 20.8801

Protanomaly

33.5404, 1.4541, 20.3376

Deuteranomaly

33.4180, 6.0441, 20.6978

Tritanomaly

33.2725, 17.7732, 15.2325

Monochromacy



Original Color

33.5057, 13.3717, 20.8801

Achromatopsia

31.6068, -1.6865, 1.7173

Achromatomaly

31.7440, 1.4087, 12.3552

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 33.5057, 13.3717, 20.8801 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(139, 80, 0)` looks like.

```
.text, #text, p{  
    color:rgb(139, 80, 0)  
}
```

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(139, 80, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 80, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 33.5057, 13.3717, 20.8801 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(139, 80, 0) }
```


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

```
.border{ border-color:rgb(139, 80, 0) }
```

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

Here you see how a box with a 4 pixel rgb(139, 80, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 80, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 80, 0);  
box-shadow:4px 4px 4px 4px rgb(139, 80, 0)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 33.5057, 13.3717, 20.8801 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 80, 0) }
```

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

```
.background{ background-color: rgb(139, 80,  
0) }
```

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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