

Converting Colors

HunterLab(33.2031, 40.6487,
21.1712)

Have a look what the booklet for
HunterLab(33.2031, 40.6487,
21.1712) contains.

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Color

**HunterLab(33.1634, 40.4115,
21.1426)**

Conversions

Conversions Part 1

Format	Color
Hex	AD3000
RGB	173, 48, 0
RGB Percent	68%, 19%, 0%
CMY	0.3216, 0.8117, 1.0000
CMYK	0.00, 0.72, 1.00, 0.32
HSL	17°, 100%, 34%
HSV	17°, 100%, 68%
XYZ	18.2905, 10.9981, 1.1588
YIQ	79.9030, 89.9080, 11.5720

Conversions

Conversions Part 2

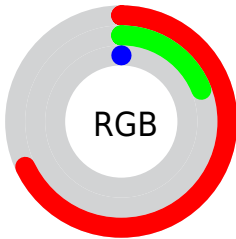
Format	Color
RYB	173, 66, 0
Decimal	11350016
CIELab	39.58, 49.11, 51.83
CIELCh	40, 71.399, 46.545
Yxy	10.9988, 0.6007, 0.3612
Android (android.graphics.Color)	4289540096 (0xFFAD3000)
YUV	79.9030, -39.3922, 81.6461
Hunter-Lab	33.1634, 40.4115, 21.1426

Details

The HunterLab color **33.1634, 40.4115, 21.1426** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **42.0504, -10.4435, -30.0146**, and the grayscale version is **28.4045, -1.5156, 1.5433**.

A 20% lighter version of the original color is **52.5287, 43.9530, 29.3357**, and **18.3834, 31.4822, 11.8789** is the 20% darker color. If you saturate the color by 10%, you get **33.1642, 40.4085, 21.1431**, and if you desaturate by 10%, it is **34.9439, 35.7993, 21.2381**.

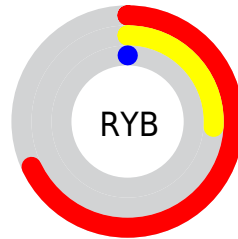
Distribution



Red (68%)

Green (19%)

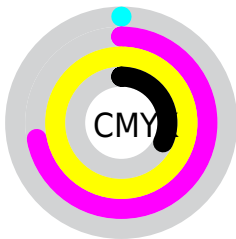
Blue (0%)



Red (68%)

Yellow (26%)

Blue (0%)

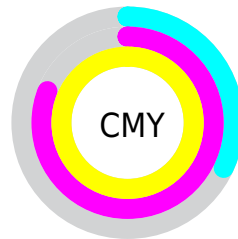


Cyan (0%)

Magenta (72%)

Yellow (100%)

Black (32%)



Cyan (32%)

Magenta (81%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 33.1634, 40.4115, 21.1426 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 33.1634, 40.4115, 21.1426 by changing the saturation by 10% instead.

33.1634, 40.4115,
21.1426

33.1634, 40.4115,
21.1426

140.5913, 52.9885,
53.0669

24.6293, 38.5043,
17.2405

52.5908, 43.9293,
29.3973

16.9861, 36.5888,
11.8902

63.3664, 45.5218,
33.1881

10.3544, 34.9285,
7.2481

74.7916, 47.0049,
36.8023

0.0000, INF, NaN

0.0000, INF, NaN

86.8312, 48.3842,
40.2688

0.0000, NaN, NaN

99.4553, 49.6663,
43.6112

0.0000, NaN, NaN

112.6381, 50.8572,

0.0000, NaN, NaN

46.8484

0.0000, NaN, NaN

126.3569, 51.9628,
49.9961

33.1634, 40.4115,
21.1426

33.1634, 40.4115,
21.1426

33.1642, 40.4085,
21.1431

34.9439, 35.7993,
21.2381

37.1068, 30.8576,
20.9138

39.6336, 25.8485,
20.0319

42.4885, 20.9355,
18.6453

45.6346, 16.2212,
16.8272

■ 49.0372, 11.7593,
14.6513

■ 52.6647, 7.5692,
12.1828

■ 56.4900, 3.6485,
9.4761

■ 60.4897, -0.0174,
6.5745

Harmonies

Analogous

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



33.1644, 61.5450, 12.7464



33.1634, 40.4115, 21.1426



33.1644, 10.7652, 23.2151

Triad

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



33.1644, 40.4080, 21.1431



33.1644, -37.8875, 11.1218



33.1644, 13.8053, -84.6393

Complementary

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



33.1634, 40.4115, 21.1426



42.0504, -10.4435, -30.0146

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.



33.1644, -12.6843, -86.6140



33.1634, 40.4115, 21.1426



33.1644, -37.5313, -14.9192

Square

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



33.1644, 40.4080, 21.1431



33.1644, -30.9600, 20.7341



33.1644, -29.7648, -55.1135



33.1644, 43.2197, -50.8603

Rectangle

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



33.1634, 40.4115, 21.1426



33.1644, -7.3131, 23.2151



33.1644, -29.7648, -55.1135



33.1644, 4.1600, -89.6203

Sweetspot

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



33.1644, 40.4080, 21.1431



70.2179, 10.4151, 16.4860



32.2692, 59.9993, -15.8734



31.7999, 5.9023, 8.3286



93.2148, -4.9737, 5.0645



40.3295, -2.1519, 2.1912

Same Dimension

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



33.1644, 40.4080, 21.1431



44.0297, 55.1194, 28.0958



50.5558, 1.8114, 31.1839



28.9200, -0.1250, 3.0298



28.5746, 34.2001, 18.2063



5.6553, 3.4020, 3.5443

Inverse Universe

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



42.0504, -10.4435, -30.0146



55.9371, -13.4796, -40.8178



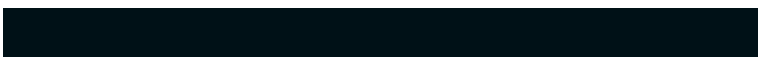
21.3532, 32.1319, -96.0530



29.4798, -2.8736, 0.1093



36.1799, -9.1530, -25.4631



6.7060, -2.4677, -3.0548

Previews

White Background



This preview shows how the HunterLab color 33.1634, 40.4115, 21.1426 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 33.1634, 40.4115, 21.1426 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

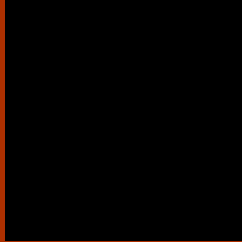
Any Text WCAG AA × Fail

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 33.1634, 40.4115, 21.1426 Background



This preview shows how black text looks on a background with the HunterLab color 33.1634, 40.4115, 21.1426.



This preview shows how white text looks on a background with the HunterLab color 33.1634, 40.4115,

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

33.1634, 40.4115, 21.1426

Protanopia

33.6089, -4.8889, 19.5372

Deuteranopia

33.5176, 1.3310, 20.6767



Tritanopia

33.2757, 43.0832, 16.6531

Trichromacy



Original Color

33.1634, 40.4115, 21.1426

Protanomaly

31.9705, 11.0322, 19.2482

Deuteranomaly

32.4363, 15.6767, 20.2615

Tritanomaly

33.2286, 42.0589, 19.1375

Monochromacy



Original Color

33.1634, 40.4115, 21.1426

Achromatopsia

28.3231, -1.5113, 1.5388

Achromatomaly

28.1969, 11.4539, 10.9897

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 33.1634, 40.4115, 21.1426 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(173, 48, 0)` looks like.

```
.text, #text, p{  
    color:rgb(173, 48, 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(173, 48, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 48, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 33.1634, 40.4115, 21.1426 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(173, 48, 0) }
```


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

```
.border{ border-color:rgb(173, 48, 0) }
```

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

Here you see how a box with a 4 pixel rgb(173, 48, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 48, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 48, 0);  
box-shadow:4px 4px 4px 4px rgb(173, 48, 0)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 33.1634, 40.4115, 21.1426 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 48, 0) }
```

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

```
.background{ background-color: rgb(173, 48,  
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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