

Converting Colors

HunterLab(32.9935, 39.0179,
21.0135)

Have a look what the booklet for
HunterLab(32.9935, 39.0179,
21.0135) contains.

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Color

**HunterLab(33.0744, 38.9148,
21.0615)**

Conversions

Conversions Part 1

Format	Color
Hex	AB3200
RGB	171, 50, 0
RGB Percent	67%, 20%, 0%
CMY	0.3294, 0.8039, 1.0000
CMYK	0.00, 0.71, 1.00, 0.33
HSL	18°, 100%, 34%
HSV	18°, 100%, 67%
XYZ	17.9352, 10.9392, 1.1662
YIQ	80.4790, 88.1660, 10.1020

Conversions

Conversions Part 2

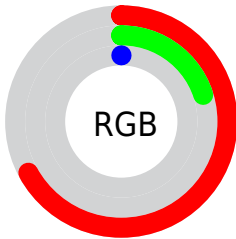
Format	Color
RYB	171, 71, 0
Decimal	11219456
CIELab	39.48, 47.65, 51.57
CIElCh	39, 70.214, 47.257
Yxy	10.9398, 0.5970, 0.3642
Android (android.graphics.Color)	4289409536 (0xFFAB3200)
YUV	80.4790, -39.6761, 79.3869
Hunter-Lab	33.0744, 38.9148, 21.0615

Details

The HunterLab color **33.0744, 38.9148, 21.0615** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **40.7596, -9.1986, -31.0886**, and the grayscale version is **28.6144, -1.5268, 1.5547**.

A 20% lighter version of the original color is **52.5834, 42.1497, 29.3418**, and **18.2071, 31.1803, 11.7650** is the 20% darker color. If you saturate the color by 10%, you get **33.0751, 38.9122, 21.0620**, and if you desaturate by 10%, it is **34.8650, 34.3414, 21.1758**.

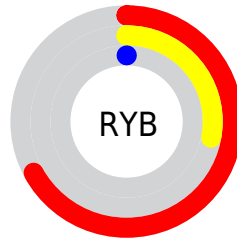
Distribution



Red (67%)

Green (20%)

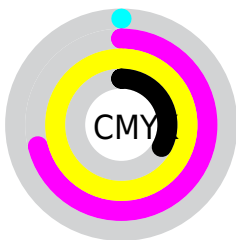
Blue (0%)



Red (67%)

Yellow (28%)

Blue (0%)

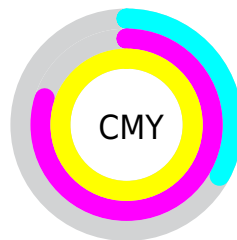


Cyan (0%)

Magenta (71%)

Yellow (100%)

Black (33%)



Cyan (33%)

Magenta (80%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 33.0744, 38.9148, 21.0615 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 33.0744, 38.9148, 21.0615 by changing the saturation by 10% instead.

33.0744, 38.9148,
21.0615

33.0744, 38.9148,
21.0615

140.4472, 51.0577,
52.8558

24.5487, 37.0460,
17.1841

52.4870, 42.3392,
29.2835

16.9149, 35.1534,
11.8404

63.2560, 43.8822,
33.0586

10.2940, 33.4776,
7.2058

74.6748, 45.3154,
36.6577

0.0000, INF, NaN

0.0000, INF, NaN

86.7085, 46.6452,
40.1098

0.0000, NaN, NaN

99.3269, 47.8781,
43.4383

0.0000, NaN, NaN

112.5043, 49.0207,

0.0000, NaN, NaN

46.6623

0.0000, NaN, NaN

■ 126.2178, 50.0787,
49.7972

■ 33.0744, 38.9148,
21.0615

■ 33.0744, 38.9148,
21.0615

■ 33.0751, 38.9122,
21.0620

■ 34.8650, 34.3414,
21.1758

■ 37.0133, 29.5027,
20.8750

■ 39.5021, 24.6398,
20.0188

■ 42.2985, 19.8977,
18.6562

■ 45.3684, 15.3658,
16.8559

■ 48.6797, 11.0894,
14.6886

■ 52.2035, 7.0833,
12.2175

■ 55.9147, 3.3432,
9.4960

■ 59.7916, -0.1462,
6.5676

Harmonies

Analogous

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



33.0754, 59.9108, 12.9323



33.0744, 38.9148, 21.0615



33.0754, 9.8580, 23.1528

Triad

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



33.0754, 38.9114, 21.0620



33.0754, -37.4893, 10.5836



33.0754, 14.2111, -81.9367

Complementary

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



33.0744, 38.9148, 21.0615



40.7596, -9.1986, -31.0886

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.



33.0754, -11.9789, -84.7343



33.0744, 38.9148, 21.0615



33.0754, -36.9719, -15.4065

Square

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



33.0754, 38.9114, 21.0620



33.0754, -30.8025, 20.4549



33.0754, -29.0734, -54.6925



33.0754, 42.9247, -48.6531

Rectangle

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



33.0744, 38.9148, 21.0615



33.0754, -7.7816, 23.1528



33.0754, -29.0734, -54.6925



33.0754, 4.7116, -87.0520

Sweetspot

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



33.0754, 38.9114, 21.0620



69.6048, 9.7555, 16.5353



31.7439, 58.8313, -14.1344



31.9454, 5.6264, 8.4652



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.



33.0754, 38.9114, 21.0620



43.9004, 53.1307, 27.9813



50.6895, 0.4303, 31.2421



28.9530, -0.1815, 3.0660



28.8582, 33.3800, 18.3667



5.7207, 3.2515, 3.5820

Inverse Universe

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



40.7596, -9.1986, -31.0886



54.1947, -11.7836, -42.3012



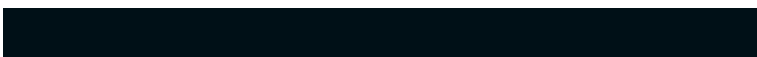
20.6559, 33.1048, -97.2813



29.4456, -2.8182, 0.0682



35.5221, -8.1838, -26.7330



6.6283, -2.3627, -3.1844

Previews

White Background



This preview shows how the HunterLab color 33.0744, 38.9148, 21.0615 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 33.0744, 38.9148, 21.0615 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 33.0744, 38.9148, 21.0615 Background



This preview shows how black text looks on a background with the HunterLab color 33.0744, 38.9148, 21.0615.



This preview shows how white text looks on a background with the HunterLab color 33.0744, 38.9148,

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

33.0744, 38.9148, 21.0615

Protanopia

33.3416, -4.4677, 19.3711

Deuteranopia

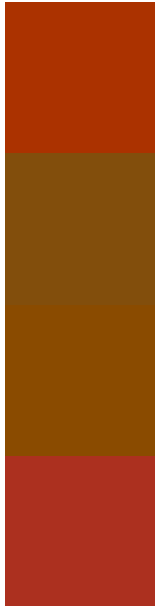
33.2666, 1.7730, 20.5298



Tritanopia

33.2046, 41.7960, 16.0038

Trichromacy



Original Color

33.0744, 38.9148, 21.0615

Protanomaly

31.9705, 11.0322, 19.2482

Deuteranomaly

32.3039, 15.2867, 20.1731

Tritanomaly

33.1413, 40.6613, 18.8143

Monochromacy



Original Color

33.0744, 38.9148, 21.0615

Achromatopsia

28.3231, -1.5113, 1.5388

Achromatomaly

28.2948, 10.6408, 11.0586

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 33.0744, 38.9148, 21.0615 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(171, 50, 0)` looks like.

```
.text, #text, p{  
    color:rgb(171, 50, 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(171, 50, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 50, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 33.0744, 38.9148, 21.0615 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(171, 50, 0) }
```


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

```
.border{ border-color:rgb(171, 50, 0) }
```

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

Here you see how a box with a 4 pixel rgb(171, 50, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 50, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 50, 0);  
box-shadow:4px 4px 4px 4px rgb(171, 50, 0)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 33.0744, 38.9148, 21.0615 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 50, 0) }
```

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

```
.background{ background-color: rgb(171, 50,  
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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