

Converting Colors

HunterLab(33.7114, -0.4043,
20.9803)

Have a look what the booklet for
HunterLab(33.7114, -0.4043,
20.9803) contains.

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Color

**HunterLab(33.8175, -0.2570,
20.8337)**

Conversions

Conversions Part 1

Format	Color
Hex	755C00
RGB	117, 92, 0
RGB Percent	46%, 36%, 0%
CMY	0.5412, 0.6392, 1.0000
CMYK	0.00, 0.21, 1.00, 0.54
HSL	47°, 100%, 23%
HSV	47°, 100%, 46%
XYZ	11.1633, 11.4362, 1.6190
YIQ	88.9870, 44.4320, -23.3120

Conversions

Conversions Part 2

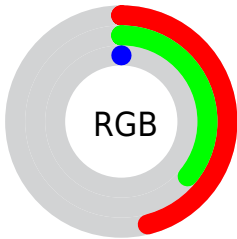
Format	Color
R_{YB}	32, 117, 0
Decimal	7691264
CIE Lab	40.31, 2.16, 47.90
CIE LCh	40, 47.946, 87.414
Yxy	11.4368, 0.4609, 0.4722
Android (android.graphics.Color)	4285881344 (0xFF755C00)
YUV	88.9870, -43.8706, 24.5674
Hunter-Lab	33.8175, -0.2570, 20.8337

Details

The HunterLab color **33.8175, -0.2570, 20.8337** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **14.0700, 20.5233, -61.8892**, and the grayscale version is **31.7476, -1.6940, 1.7249**.

A 20% lighter version of the original color is **53.4094, -1.0735, 28.5947**, and **17.6721, 0.6978, 10.9017** is the 20% darker color. If you saturate the color by 10%, you get **33.8181, -0.2582, 20.8340**, and if you desaturate by 10%, it is **34.5006, -1.1448, 20.6575**.

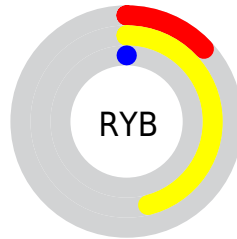
Distribution



Red (46%)

Green (36%)

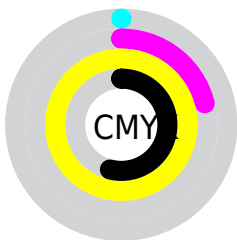
Blue (0%)



Red (13%)

Yellow (46%)

Blue (0%)

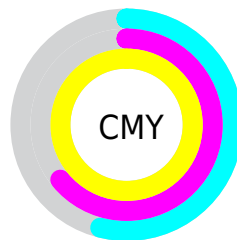


Cyan (0%)

Magenta (21%)

Yellow (100%)

Black (54%)



Cyan (54%)

Magenta (64%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 33.8175, -0.2570, 20.8337 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 33.8175, -0.2570, 20.8337 by changing the saturation by 10% instead.

■ 33.8175, -0.2570,
20.8337

■ 33.8175, -0.2570,
20.8337

■ 141.6475, -5.0843,
50.5348

■ 25.2219, 0.0591,
16.9395

■ 53.3527, -1.0521,
28.4888

■ 17.5102, 0.3137,
12.2572

■ 64.1770, -1.5175,
32.0046

■ 10.7997, 0.4918,
7.5598

■ 75.6480, -2.0238,
35.3606

■ 1.8424, 5.0172,
1.2897

■ 87.7311, -2.5681,
38.5843

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 100.3968, -3.1481,
41.6977

0.0000, NaN, NaN

■ 113.6193, -3.7619,

0.0000, NaN, NaN

44.7182

0.0000, NaN, NaN

■ 127.3762, -4.4078,
47.6601

■ 33.8175, -0.2570,
20.8337

■ 33.8175, -0.2570,
20.8337

■ 33.8181, -0.2582,
20.8340

■ 34.5006, -1.1448,
20.6575

■ 35.2070, -1.9392,
20.2593

■ 35.9487, -2.5774,
19.4704

■ 36.7270, -3.0494,
18.2695

■ 37.5427, -3.3495,
16.6465

■ 38.3959, -3.4749,
14.5988

■ 39.2864, -3.4252,
12.1298

■ 40.2139, -3.2023,
9.2475

■ 41.1777, -2.8091,
5.9631

Harmonies

Analogous

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



33.8183, 18.5245, 19.3275



33.8175, -0.2570, 20.8337



33.8183, -16.0817, 19.8062

Triad

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



33.8183, -0.2586, 20.8340



33.8183, -27.0077, -16.6960



33.8183, 31.8790, -20.6246

Complementary

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



33.8175, -0.2570, 20.8337



14.0700, 20.5233, -61.8892

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.



33.8183, 15.3173, -41.3026



33.8175, -0.2570, 20.8337



33.8183, -18.2402, -38.3298

Square

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



33.8183, -0.2586, 20.8340



33.8183, -29.5129, 3.2678



33.8183, -3.3266, -49.0387



33.8183, 39.3082, 0.3488

Rectangle

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



33.8175, -0.2570, 20.8337



33.8183, -23.3774, 17.2294



33.8183, -3.3266, -49.0387



33.8183, 27.0480, -28.1787

Sweetspot

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



33.8183, -0.2586, 20.8340



52.4776, -4.5971, 16.5091



19.6309, 33.9826, 9.8529



24.9725, -2.2243, 8.4607



77.7063, -4.1462, 4.2219



27.0627, -1.4440, 1.4704

Same Dimension

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



33.8183, -0.2586, 20.8340



45.0336, 0.0327, 27.7501



38.2106, -20.1345, 23.1925



20.3467, -1.3620, 2.7743



35.4656, -0.2166, 21.8500



77.4694, 0.9330, 47.7526

Inverse Universe

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



14.0700, 20.5233, -61.8892



18.3587, 28.9810, -85.5084



12.6898, 31.8506, -70.2552



19.2486, -0.6883, -0.7500



14.6989, 21.7645, -65.3556



30.7862, 53.5659, -154.1134

Previews

White Background



This preview shows how the HunterLab color 33.8175, -0.2570, 20.8337 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



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

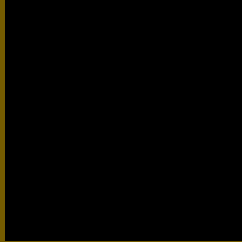
Any Text WCAG AA × Fail

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 33.8175, -0.2570, 20.8337 Background



This preview shows how black text looks on a background with the HunterLab color 33.8175, -0.2570, 20.8337.

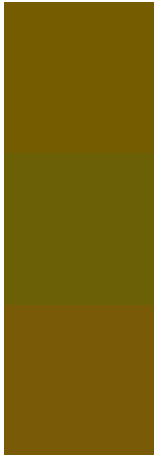


This preview shows how white text looks on a background with the HunterLab color 33.8175, -0.2570,

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

33.8175, -0.2570, 20.8337

Protanopia

34.0103, -4.9343, 20.5703

Deuteranopia

33.7530, 2.1706, 20.4833



Tritanopia

34.0086, 10.2166, 3.4827

Trichromacy



Original Color

33.8175, -0.2570, 20.8337

Protanomaly

34.0187, -3.5476, 20.6998

Deuteranomaly

33.8881, 1.3163, 20.7037

Tritanomaly

33.5980, 5.0893, 13.4904

Monochromacy



Original Color

33.8175, -0.2570, 20.8337

Achromatopsia

31.6068, -1.6865, 1.7173

Achromatomaly

32.0318, -2.8918, 12.5223

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 33.8175, -0.2570, 20.8337 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(117, 92, 0)` looks like.

```
.text, #text, p{  
    color:rgb(117, 92, 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(117, 92, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 92, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 33.8175, -0.2570, 20.8337 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(117, 92, 0) }
```


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

```
.border{ border-color:rgb(117, 92, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 92, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 92, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 92, 0);  
box-shadow:4px 4px 4px 4px rgb(117, 92, 0)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 33.8175, -0.2570, 20.8337 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 92, 0) }
```

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

```
.background{ background-color: rgb(117, 92,  
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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