

Converting Colors

HunterLab(33.7298, -2.7744,
20.7356)

Have a look what the booklet for
HunterLab(33.7298, -2.7744,
20.7356) contains.

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Color

**HunterLab(33.8381, -2.8530,
20.8009)**

Conversions

Conversions Part 1

Format	Color
Hex	705E00
RGB	112, 94, 0
RGB Percent	44%, 37%, 0%
CMY	0.5608, 0.6314, 1.0000
CMYK	0.00, 0.16, 1.00, 0.56
HSL	50°, 100%, 22%
HSV	50°, 100%, 44%
XYZ	10.6848, 11.4502, 1.6470
YIQ	88.6660, 40.9020, -25.4180

Conversions

Conversions Part 2

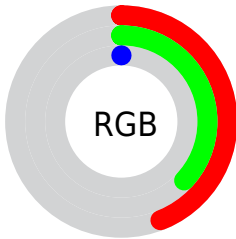
Format	Color
R_{YB}	21, 112, 0
Decimal	7364096
CIE Lab	40.33, -1.49, 47.66
CIE LCh	40, 47.679, 91.785
Yxy	11.4507, 0.4493, 0.4815
Android (android.graphics.Color)	4285554176 (0xFF705E00)
YUV	88.6660, -43.7123, 20.4639
Hunter-Lab	33.8381, -2.8530, 20.8009

Details

The HunterLab color **33.8381, -2.8530, 20.8009** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **12.6592, 22.1362, -63.6070**, and the grayscale version is **31.6297, -1.6877, 1.7185**.

A 20% lighter version of the original color is **53.3549, -4.1350, 28.3564**, and **17.5344, -0.9554, 10.7879** is the 20% darker color. If you saturate the color by 10%, you get **33.8387, -2.8542, 20.8013**, and if you desaturate by 10%, it is **34.3500, -3.4259, 20.5490**.

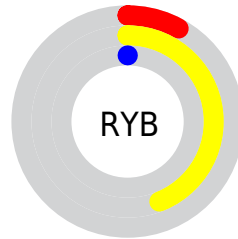
Distribution



Red (44%)

Green (37%)

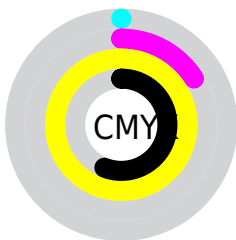
Blue (0%)



Red (8%)

Yellow (44%)

Blue (0%)

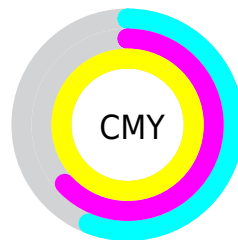


Cyan (0%)

Magenta (16%)

Yellow (100%)

Black (56%)



Cyan (56%)

Magenta (63%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 33.8381, -2.8530, 20.8009 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 33.8381, -2.8530, 20.8009 by changing the saturation by 10% instead.

■ 33.8381, -2.8530,
20.8009

■ 33.8381, -2.8530,
20.8009

■ 141.6807, -9.2613,
50.3684

■ 25.2406, -2.2965,
16.9069

■ 53.3767, -4.0717,
28.4200

■ 17.5268, -1.7742,
12.2687

■ 64.2025, -4.7281,
31.9193

■ 10.8137, -1.2885,
7.5696

■ 75.6749, -5.4146,
35.2598

■ 1.9098, -3.3422,
1.3369

■ 87.7594, -6.1301,
38.4690

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 100.4263, -6.8734,
41.5686

0.0000, NaN, NaN

■ 113.6502, -7.6436,

0.0000, NaN, NaN

44.5761

0.0000, NaN, NaN

127.4083, -8.4398,
47.5055

33.8381, -2.8530,
20.8009

33.8381, -2.8530,
20.8009

33.8387, -2.8542,
20.8013

34.3500, -3.4259,
20.5490

34.8790, -3.9175,
20.0983

35.4374, -4.2647,
19.2794

36.0269, -4.4570,
18.0682

36.6486, -4.4877,
16.4503

■ 37.3031, -4.3528,
14.4184

■ 37.9909, -4.0504,
11.9711

■ 38.7119, -3.5808,
9.1114

■ 39.4661, -2.9455,
5.8462

Harmonies

Analogous

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



33.8389, 15.7132, 19.6966



33.8381, -2.8530, 20.8009



33.8389, -17.8430, 19.3652

Triad

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



33.8389, -2.8544, 20.8011



33.8389, -26.0247, -19.8647



33.8389, 33.4497, -17.1726

Complementary

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



33.8381, -2.8530, 20.8009



12.6592, 22.1362, -63.6070

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.



33.8389, 17.9136, -38.5063



33.8381, -2.8530, 20.8009



33.8389, -16.3589, -40.5412

Square

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



33.8389, -2.8544, 20.8011



33.8389, -29.4113, 0.8244



33.8389, -0.7474, -48.6760



33.8389, 39.0667, 2.8289

Rectangle

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



33.8381, -2.8530, 20.8009



33.8389, -24.4915, 16.3123



33.8389, -0.7474, -48.6760



33.8389, 29.0766, -24.7171

Sweetspot

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



33.8389, -2.8544, 20.8011



50.2806, -5.4083, 16.1433



18.6835, 32.2402, 10.1684



24.4973, -2.7242, 8.4542



76.6170, -4.0881, 4.1627



26.1505, -1.3953, 1.4208

Same Dimension

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



33.8389, -2.8544, 20.8011



44.6868, -3.5150, 27.4743



36.1535, -20.4629, 21.9192



19.5690, -1.4220, 2.7219



36.3463, -3.0079, 22.3438



80.4714, -5.6477, 49.4872

Inverse Universe

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



12.6592, 22.1362, -63.6070



16.3774, 30.7552, -86.8620



12.5281, 30.7899, -64.2873



18.3824, -0.5432, -0.7910



13.5166, 24.1299, -68.9840



28.7012, 59.1873, -163.6424

Previews

White Background



This preview shows how the HunterLab color 33.8381, -2.8530, 20.8009 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 33.8381, -2.8530, 20.8009 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

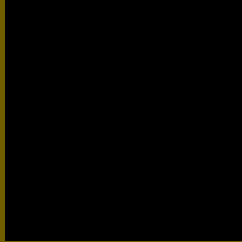
Any Text WCAG AA × Fail

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 33.8381, -2.8530, 20.8009 Background



This preview shows how black text looks on a background with the HunterLab color 33.8381, -2.8530, 20.8009.

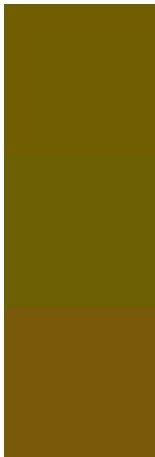


This preview shows how white text looks on a background with the HunterLab color 33.8381, -2.8530,

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

33.8381, -2.8530, 20.8009

Protanopia

34.0039, -4.9702, 20.6658

Deuteranopia

33.7627, 2.2228, 20.3390



Tritanopia

33.7734, 8.3607, 2.3670

Trichromacy



Original Color

33.8381, -2.8530, 20.8009

Protanomaly

33.8263, -4.2349, 20.6185

Deuteranomaly

33.6851, 0.6401, 20.4646

Tritanomaly

33.5908, 2.5498, 13.1975

Monochromacy



Original Color

33.8381, -2.8530, 20.8009

Achromatopsia

31.6068, -1.6865, 1.7173

Achromatomaly

32.1231, -3.9301, 12.5808

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 33.8381, -2.8530, 20.8009 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(112, 94, 0)` looks like.

```
.text, #text, p{  
    color:rgb(112, 94, 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(112, 94, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 94, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 33.8381, -2.8530, 20.8009 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(112, 94, 0) }
```


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

```
.border{ border-color:rgb(112, 94, 0) }
```

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

Here you see how a box with a 4 pixel rgb(112, 94, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 94, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 94, 0);  
box-shadow:4px 4px 4px 4px rgb(112, 94, 0)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 33.8381, -2.8530, 20.8009 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 94, 0) }
```

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

```
.background{ background-color: rgb(112, 94,  
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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