

Converting Colors

HunterLab(33.0467, 2.6331,
20.4093)

Have a look what the booklet for
HunterLab(33.0467, 2.6331,
20.4093) contains.

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Color

**HunterLab(33.1248, 2.5763,
20.4564)**

Conversions

Conversions Part 1

Format	Color
Hex	785800
RGB	120, 88, 0
RGB Percent	47%, 35%, 0%
CMY	0.5294, 0.6549, 1.0000
CMYK	0.00, 0.27, 1.00, 0.53
HSL	44°, 100%, 24%
HSV	44°, 100%, 47%
XYZ	11.2355, 10.9725, 1.5258
YIQ	87.5360, 47.3200, -20.5840

Conversions

Conversions Part 2

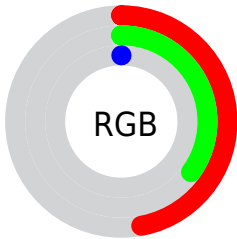
Format	Color
RYB	44, 120, 0
Decimal	7886848
CIELab	39.54, 6.01, 47.53
CIElCh	40, 47.909, 82.788
Yxy	10.9731, 0.4734, 0.4623
Android (android.graphics.Color)	4286076928 (0xFF785800)
YUV	87.5360, -43.1552, 28.4709
Hunter-Lab	33.1248, 2.5763, 20.4564

Details

The HunterLab color **33.1248, 2.5763, 20.4564** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **15.4570, 18.0662, -58.3185**, and the grayscale version is **31.2105, -1.6653, 1.6957**.

A 20% lighter version of the original color is **52.6331, 1.9406, 28.1058**, and **16.9882, 2.9549, 10.5198** is the 20% darker color. If you saturate the color by 10%, you get **33.1253, 2.5752, 20.4567**, and if you desaturate by 10%, it is **33.9655, 1.3674, 20.3459**.

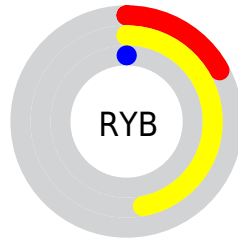
Distribution



Red (47%)

Green (35%)

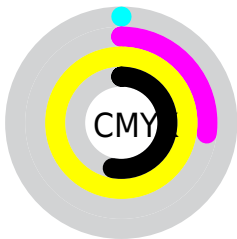
Blue (0%)



Red (17%)

Yellow (47%)

Blue (0%)

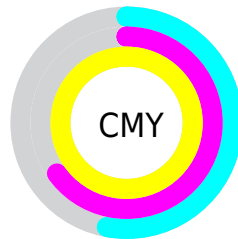


Cyan (0%)

Magenta (27%)

Yellow (100%)

Black (53%)



Cyan (53%)

Magenta (65%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 33.1248, 2.5763, 20.4564 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 33.1248, 2.5763, 20.4564 by changing the saturation by 10% instead.

33.1248, 2.5763,
20.4564

33.1248, 2.5763,
20.4564

140.5285, -0.5815,
50.0541

24.5942, 2.6414,
16.6442

52.5456, 2.2262,
28.0948

16.9550, 2.6182,
11.8685

63.3183, 1.9621,
31.5998

10.3281, 2.4810,
7.2296

74.7407, 1.6462,
34.9439

0.0000, INF, NaN

0.0000, NaN, NaN

86.7777, 1.2829,
38.1553

0.0000, NaN, NaN

99.3994, 0.8757,
41.2559

0.0000, NaN, NaN

112.5799, 0.4277,

0.0000, NaN, NaN

44.2635

0.0000, NaN, NaN

126.2963, -0.0588,
47.1923

33.1248, 2.5763,
20.4564

33.1248, 2.5763,
20.4564

33.1253, 2.5752,
20.4567

33.9655, 1.3674,
20.3459

34.8372, 0.2609,
19.9999

35.7514, -0.6802,
19.2493

36.7090, -1.4466,
18.0773

37.7100, -2.0337,
16.4787

■ 38.7538, -2.4400,
14.4562

■ 39.8396, -2.6671,
12.0184

■ 40.9665, -2.7182,
9.1781

■ 42.1333, -2.5979,
5.9506

Harmonies

Analogous

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



33.1256, 21.2083, 18.5337



33.1248, 2.5763, 20.4564



33.1256, -13.8521, 19.8449

Triad

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



33.1256, 2.5747, 20.4567



33.1256, -27.4924, -13.1949



33.1256, 29.6160, -24.0773

Complementary

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



33.1248, 2.5763, 20.4564



15.4570, 18.0662, -58.3185

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.



33.1256, 12.3398, -43.5431



33.1248, 2.5763, 20.4564



33.1256, -19.8065, -35.3017

Square

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



33.1256, 2.5747, 20.4567



33.1256, -29.0395, 5.5854



33.1256, -5.9003, -48.4674



33.1256, 38.7955, -2.4855

Rectangle

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



33.1248, 2.5763, 20.4564



33.1256, -21.7162, 17.7692



33.1256, -5.9003, -48.4674



33.1256, 24.4103, -31.4637

Sweetspot

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



33.1256, 2.5747, 20.4567



52.7274, -3.5229, 16.1965



20.2422, 35.1792, 9.0857



25.4269, -1.6750, 8.4451



78.7982, -4.2045, 4.2813



27.9800, -1.4929, 1.5202

Same Dimension

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



33.1256, 2.5747, 20.4567



43.6741, 3.8774, 26.9796



39.6336, -19.2312, 24.0851



21.1228, -1.2895, 2.8195



34.5644, 2.7515, 21.3466



74.5212, 7.7611, 46.0555

Inverse Universe

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



15.4570, 18.0662, -58.3185



20.0104, 25.3928, -79.8270



12.6613, 32.3906, -74.8399



20.1281, -0.8461, -0.6999



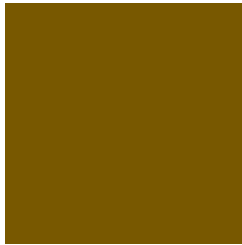
16.0773, 19.0638, -61.2485



33.3297, 47.0068, -143.1333

Previews

White Background



This preview shows how the HunterLab color 33.1248, 2.5763, 20.4564 looks on a white background.

Color Contrast Check

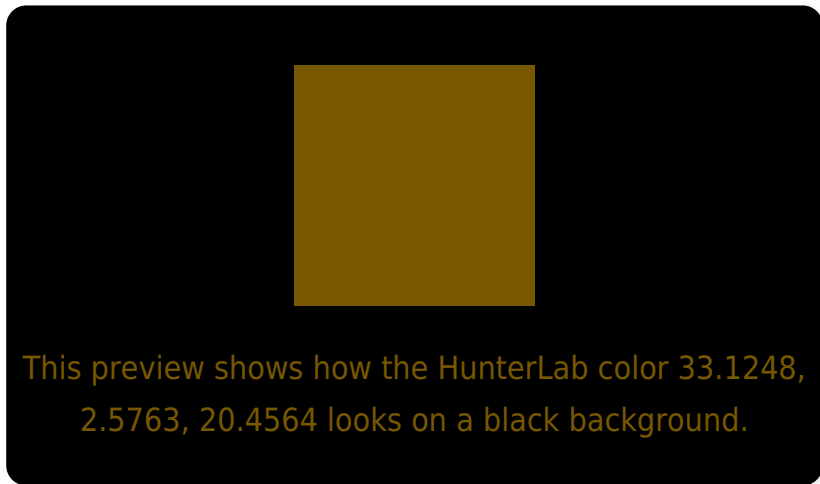
Large Text (above 18pt) WCAG AA ✓ Pass

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

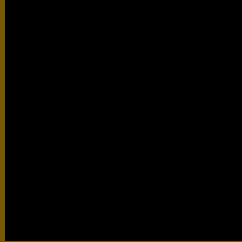
Any Text WCAG AA × Fail

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 33.1248, 2.5763, 20.4564 Background



This preview shows how black text looks on a background with the HunterLab color 33.1248, 2.5763, 20.4564.



This preview shows how white text looks on a background with the HunterLab color 33.1248, 2.5763,

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

33.1248, 2.5763, 20.4564

Protanopia

33.2940, -4.7322, 20.0748

Deuteranopia

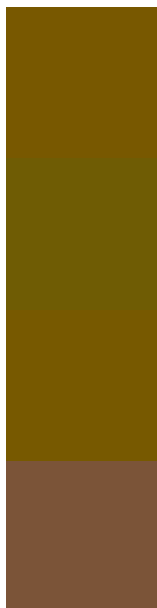
33.1607, 1.4151, 20.4582



Tritanopia

33.2028, 12.2726, 4.1878

Trichromacy



Original Color

33.1248, 2.5763, 20.4564

Protanomaly

33.2304, -2.2638, 20.2318

Deuteranomaly

33.2666, 1.7730, 20.5298

Tritanomaly

32.9198, 7.7423, 13.6822

Monochromacy



Original Color

33.1248, 2.5763, 20.4564

Achromatopsia

31.2390, -1.6668, 1.6973

Achromatomaly

31.5821, -1.8067, 12.4053

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 33.1248, 2.5763, 20.4564 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(120, 88, 0)` looks like.

```
.text, #text, p{  
    color:rgb(120, 88, 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(120, 88, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 88, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 33.1248, 2.5763, 20.4564 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(120, 88, 0) }
```


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

```
.border{ border-color:rgb(120, 88, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 88, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 88, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 88, 0);  
box-shadow:4px 4px 4px 4px rgb(120, 88, 0)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 33.1248, 2.5763, 20.4564 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 88, 0) }
```

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

```
.background{ background-color: rgb(120, 88,  
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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