

Converting Colors

HunterLab(33.7999, 25.5204,
21.2741)

Have a look what the booklet for
HunterLab(33.7999, 25.5204,
21.2741) contains.

HunterLab(33.7999, 25.5204, 21.2741)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(33.7999, 25.5204,
21.2741)**

Conversions

Conversions Part 1

Format	Color
Hex	9D4500
RGB	157, 69, 0
RGB Percent	62%, 27%, 0%
CMY	0.3843, 0.7294, 1.0000
CMYK	0.00, 0.56, 1.00, 0.38
HSL	26°, 100%, 31%
HSV	26°, 100%, 62%
XYZ	16.0327, 11.4243, 1.3601
YIQ	87.4460, 74.5970, -2.8030

Conversions

Conversions Part 2

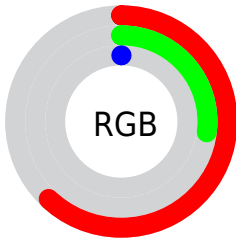
Format	Color
R_{YB}	157, 123, 0
Decimal	10306816
CIE _{Lab}	40.29, 33.65, 50.64
CIE _{LCh}	40, 60.800, 56.396
Yxy	11.4250, 0.5563, 0.3964
Android (android.graphics.Color)	4288496896 (0xFF9D4500)
YUV	87.4460, -43.1109, 60.9989
Hunter-Lab	33.7999, 25.5204, 21.2741

Details

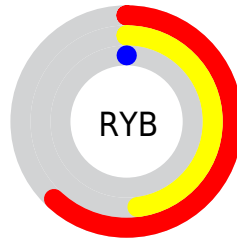
The HunterLab color **33.7999, 25.5204, 21.2741** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **30.6811, 2.0163, -42.7009**, and the grayscale version is **31.1704, -1.6632, 1.6935**.

A 20% lighter version of the original color is **53.2681, 28.0856, 29.2922**, and **17.5982, 22.8310, 11.2437** is the 20% darker color. If you saturate the color by 10%, you get **33.8005, 25.5184, 21.2745**, and if you desaturate by 10%, it is **35.5327, 21.7433, 21.4770**.

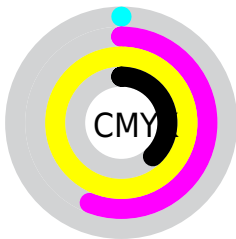
Distribution



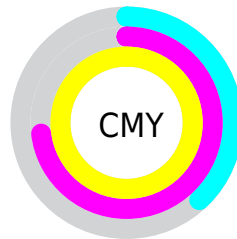
- Red (62%)
- Green (27%)
- Blue (0%)



- Red (62%)
- Yellow (48%)
- Blue (0%)



- Cyan (0%)
- Magenta (56%)
- Yellow (100%)
- Black (38%)



- Cyan (38%)
- Magenta (73%)
- Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 33.7999, 25.5204, 21.2741 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 33.7999, 25.5204, 21.2741 by changing the saturation by 10% instead.

■ 33.7999, 25.5204,
21.2741

■ 33.7999, 25.5204,
21.2741

■ 141.6193, 32.9916,
52.4600

■ 25.2060, 24.1458,
17.3844

■ 53.3323, 27.8692,
29.3242

■ 17.4962, 22.6409,
12.2473

■ 64.1553, 28.8696,
33.0224

■ 10.7877, 21.0518,
7.5514

■ 75.6251, 29.7671,
36.5506

■ 1.7831, 82.1382,
1.2482

■ 87.7071, 30.5710,
39.9370

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 100.3716, 31.2890,
43.2043

0.0000, NaN, NaN

■ 113.5931, 31.9280,

0.0000, NaN, NaN

46.3711

0.0000, NaN, NaN

127.3490, 32.4939,
49.4522

33.7999, 25.5204,
21.2741

33.7999, 25.5204,
21.2741

33.8005, 25.5184,
21.2745

35.5327, 21.7433,
21.4770

37.4455, 18.0511,
21.2928

39.5367, 14.5528,
20.5678

41.7929, 11.2889,
19.3197

44.1999, 8.2788,
17.5850

■ 46.7446, 5.5265,
15.4082

■ 49.4143, 3.0262,
12.8351

■ 52.1977, 0.7658,
9.9092

■ 55.0847, -1.2701,
6.6704

Harmonies

Analogous

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



33.8008, 46.1300, 15.4660



33.7999, 25.5204, 21.2741



33.8008, 0.9475, 22.5837

Triad

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



33.8008, 25.5177, 21.2745



33.8008, -34.9687, 4.3175



33.8008, 19.5764, -59.3685

Complementary

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



33.7999, 25.5204, 21.2741



30.6811, 2.0163, -42.7009

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.



33.8008, -4.4728, -70.0179



33.7999, 25.5204, 21.2741



33.8008, -32.4033, -21.9431

Square

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



33.8008, 25.5177, 21.2745



33.8008, -30.7401, 17.5773



33.8008, -22.5097, -53.2427



33.8008, 42.1190, -29.6380

Rectangle

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



33.7999, 25.5204, 21.2741



33.8008, -13.1346, 22.2953



33.8008, -22.5097, -53.2427



33.8008, 11.2457, -65.8887

Sweetspot

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



33.8008, 25.5177, 21.2745



65.9174, 4.2349, 17.3896



28.0871, 50.6653, -1.7417



30.2606, 2.5834, 8.8095



88.7363, -4.7347, 4.8212



36.4511, -1.9449, 1.9805

Same Dimension

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



33.8008, 25.5177, 21.2745



44.8249, 35.1656, 28.2365



52.8115, -10.4031, 32.3600



26.6494, -0.6811, 3.0923



30.5788, 22.7088, 19.2401



5.0007, 1.0616, 3.1000

Inverse Universe

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



30.6811, 2.0163, -42.7009



40.5842, 3.5486, -58.3872



16.3146, 39.2784, -105.1820



26.4970, -2.0592, -0.2820



27.7846, 1.5783, -38.1354



4.7065, -1.3543, -2.9592

Previews

White Background



This preview shows how the HunterLab color 33.7999, 25.5204, 21.2741 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 33.7999, 25.5204, 21.2741 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

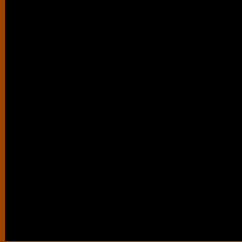
Any Text WCAG AA × Fail

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 33.7999, 25.5204, 21.2741 Background



This preview shows how black text looks on a background with the HunterLab color 33.7999, 25.5204, 21.2741.



This preview shows how white text looks on a background with the HunterLab color 33.7999, 25.5204,

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

33.7999, 25.5204, 21.2741

Protanopia

34.0417, -4.7597, 20.1059

Deuteranopia

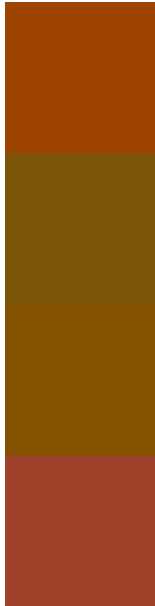
33.9811, 1.6050, 20.9671



Tritanopia

33.8453, 31.3507, 11.8239

Trichromacy



Original Color

33.7999, 25.5204, 21.2741

Protanomaly

33.3363, 5.8447, 20.1333

Deuteranomaly

33.5482, 10.0594, 20.8484

Tritanomaly

33.6748, 28.4500, 17.2244

Monochromacy



Original Color

33.7999, 25.5204, 21.2741

Achromatopsia

30.8719, -1.6472, 1.6773

Achromatomaly

30.7537, 5.6178, 12.0804

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 33.7999, 25.5204, 21.2741 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(157, 69, 0)` looks like.

```
.text, #text, p{  
    color:rgb(157, 69, 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(157, 69, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 69, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 33.7999, 25.5204, 21.2741 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(157, 69, 0) }
```


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

```
.border{ border-color:rgb(157, 69, 0) }
```

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

Here you see how a box with a 4 pixel rgb(157, 69, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 69, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 69, 0);  
box-shadow:4px 4px 4px 4px rgb(157, 69, 0)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 33.7999, 25.5204, 21.2741 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 69, 0) }
```

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

```
.background{ background-color: rgb(157, 69,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor