

# Converting Colors

HunterLab(32.8738, 8.1920,  
22.2234)

Have a look what the booklet for  
HunterLab(32.8738, 8.1920,  
22.2234) contains.

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# Color

**HunterLab(33.0641, 8.5363,  
20.5234)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	825300
RGB	130, 83, 0
RGB Percent	51%, 33%, 0%
CMY	0.4902, 0.6745, 1.0000
CMYK	0.00, 0.36, 1.00, 0.49
HSL	38°, 100%, 25%
HSV	38°, 100%, 51%
XYZ	12.2992, 10.9323, 1.4619
YIQ	87.5910, 54.6550, -15.8490

# Conversions

## Conversions Part 2

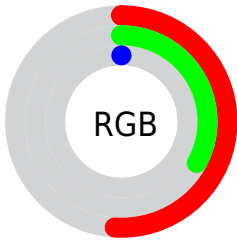
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	74, 130, 0
Decimal	8540928
CIE Lab	39.47, 13.82, 48.10
CIE LCh	39, 50.042, 73.969
Yxy	10.9329, 0.4981, 0.4427
Android (android.graphics.Color)	4286731008 (0xFF825300)
YUV	87.5910, -43.1824, 37.1927
Hunter-Lab	33.0641, 8.5363, 20.5234

# Details

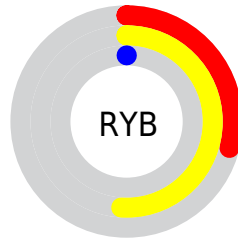
The HunterLab color **33.0641, 8.5363, 20.5234** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **19.0910, 13.7682, -53.5831**, and the grayscale version is **31.2289, -1.6663, 1.6967**.

A 20% lighter version of the original color is **52.4208, 9.4101, 28.2346**, and **16.9767, 8.0876, 10.6025** is the 20% darker color. If you saturate the color by 10%, you get **33.0647, 8.5349, 20.5237**, and if you desaturate by 10%, it is **34.2137, 6.6141, 20.5380**.

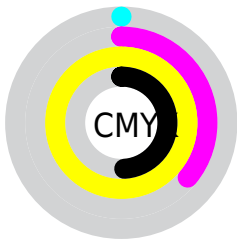
# Distribution



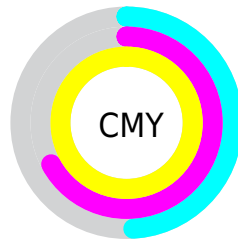
- Red (51%)
- Green (33%)
- Blue (0%)



- Red (29%)
- Yellow (51%)
- Blue (0%)



- Cyan (0%)
- Magenta (36%)
- Yellow (100%)
- Black (49%)



- Cyan (49%)
- Magenta (67%)
- Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 33.0641, 8.5363, 20.5234 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 33.0641, 8.5363, 20.5234 by changing the saturation by 10% instead.



33.0641, 8.5363,  
20.5234

33.0641, 8.5363,  
20.5234

140.4303, 8.6021,  
50.4365

24.5392, 8.1319,  
16.7197

52.4748, 9.0324,  
28.2471

16.9065, 7.5997,  
11.8346

63.2430, 9.1554,  
31.7910

10.2869, 6.9064,  
7.2009

74.6611, 9.2072,  
35.1717

0.0000, INF, NaN

0.0000, NaN, NaN

86.6941, 9.1947,  
38.4174

0.0000, NaN, NaN

99.3119, 9.1237,  
41.5505

0.0000, NaN, NaN

0.0000, NaN, NaN

112.4886, 8.9988,

44.5888

0.0000, NaN, NaN

126.2015, 8.8238,  
47.5469

33.0641, 8.5363,  
20.5234

33.0641, 8.5363,  
20.5234

33.0647, 8.5349,  
20.5237

34.2137, 6.6141,  
20.5380

35.4186, 4.8168,  
20.2728

36.6889, 3.2088,  
19.5613

38.0234, 1.8003,  
18.3948

39.4201, 0.5947,  
16.7783

■ 40.8766, -0.4090,  
14.7254

■ 42.3902, -1.2152,  
12.2550

■ 43.9584, -1.8304,  
9.3893

■ 45.5783, -2.2627,  
6.1517

# Harmonies

## Analogous

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



33.0650, 27.5963, 17.6357



33.0641, 8.5363, 20.5234



33.0650, -9.8470, 20.6000

# Triad

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



33.0650, 8.5344, 20.5237



33.0650, -29.4760, -7.3540



33.0650, 26.4155, -32.5388

# Complementary

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



33.0641, 8.5363, 20.5234



19.0910, 13.7682, -53.5831

# 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.



33.0650, 7.1742, -50.0244



33.0641, 8.5363, 20.5234



33.0650, -23.4905, -30.9391

# Square

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



33.0650, 8.5344, 20.5237



33.0650, -29.2672, 9.7805



33.0650, -10.9420, -49.3174



33.0650, 39.3562, -8.8551



# Rectangle

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



33.0641, 8.5363, 20.5234



33.0650, -19.2358, 19.2743



33.0650, -10.9420, -49.3174



33.0650, 20.3073, -39.7941

# Sweetspot

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



33.0650, 8.5344, 20.5237



56.1151, -1.5478, 16.5039



22.2633, 39.0720, 7.0508



26.3589, -0.5690, 8.4219



80.9895, -4.3214, 4.4003



29.8298, -1.5916, 1.6207



# Same Dimension

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



33.0650, 8.5344, 20.5237



43.5531, 11.9719, 27.0468



44.1065, -17.4933, 26.8718



21.8312, -1.0949, 2.7867



32.3975, 8.3174, 20.1088

0.0000, NaN, NaN



# Inverse Universe

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



19.0910, 13.7682, -53.5831



24.8176, 19.5485, -73.2194



13.1684, 34.7886, -86.3637



21.0867, -1.1264, -0.5598



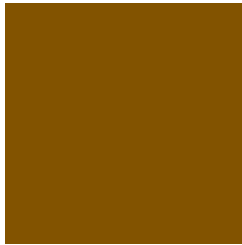
18.7261, 13.4039, -52.3412

0.0000, NaN, NaN



# Previews

## White Background



This preview shows how the HunterLab color 33.0641, 8.5363, 20.5234 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 33.0641, 8.5363, 20.5234 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 33.0641, 8.5363, 20.5234 Background



This preview shows how black text looks on a background with the HunterLab color 33.0641, 8.5363, 20.5234.



This preview shows how white text looks on a background with the HunterLab color 33.0641, 8.5363,



# 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

33.0641, 8.5363, 20.5234

### Protanopia

33.3006, -4.6956, 19.9773

### Deuteranopia

33.1607, 1.4151, 20.4582



## Tritanopia

33.0437, 17.1962, 5.9786

# Trichromacy



## Original Color

33.0641, 8.5363, 20.5234

## Protanomaly

33.1215, 0.0219, 20.1013

## Deuteranomaly

33.0968, 3.7486, 20.4597

## Tritanomaly

32.7941, 13.1212, 14.3478

# Monochromacy



## Original Color

33.0641, 8.5363, 20.5234

## Achromatopsia

31.2390, -1.6668, 1.6973

## Achromatomaly

31.3443, 0.0176, 12.2374

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 33.0641, 8.5363, 20.5234 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(130, 83, 0)` looks like.

```
.text, #text, p{  
    color:rgb(130, 83, 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(130, 83, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 83, 0) }
```

## Border

The CSS property to change the border of an element to HunterLab 33.0641, 8.5363, 20.5234 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(130, 83, 0) }
```



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

```
.border{ border-color:rgb(130, 83, 0) }
```

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

Here you see how a box with a 4 pixel rgb(130, 83, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 83, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 83, 0);  
box-shadow:4px 4px 4px 4px rgb(130, 83, 0)  
}
```

# Background

The CSS property to change the background color of an element to HunterLab 33.0641, 8.5363, 20.5234 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 83, 0) }
```

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

```
.background{ background-color: rgb(130, 83,  
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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