

Converting Colors

HunterLab(35.2137, 16.4401,
24.6496)

Have a look what the booklet for
HunterLab(35.2137, 16.4401,
24.6496) contains.

HunterLab(35.5160, 17.1545, 22.1851)	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(35.5160, 17.1545,
22.1851)**

Conversions

Conversions Part 1

Format	Color
Hex	975200
RGB	151, 82, 0
RGB Percent	59%, 32%, 0%
CMY	0.4078, 0.6784, 1.0000
CMYK	0.00, 0.46, 1.00, 0.41
HSL	33°, 100%, 30%
HSV	33°, 100%, 59%
XYZ	15.7797, 12.6139, 1.6030
YIQ	93.2830, 67.4460, -10.8740

Conversions

Conversions Part 2

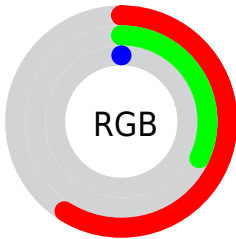
Format	Color
R_{YB}	127, 151, 0
Decimal	9916928
CIE _{Lab}	42.18, 24.04, 51.28
CIE _{LCh}	42, 56.641, 64.880
Yxy	12.6145, 0.5260, 0.4205
Android (android.graphics.Color)	4288107008 (0xFF975200)
YUV	93.2830, -45.9885, 50.6178
Hunter-Lab	35.5160, 17.1545, 22.1851

Details

The HunterLab color **35.5160, 17.1545, 22.1851** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **25.4763, 9.4642, -52.2731**, and the grayscale version is **33.3385, -1.7789, 1.8113**.

A 20% lighter version of the original color is **55.3596, 18.7267, 30.2944**, and **18.9444, 15.3257, 11.9418** is the 20% darker color. If you saturate the color by 10%, you get **35.5166, 17.1529, 22.1854**, and if you desaturate by 10%, it is **37.0714, 14.1579, 22.3620**.

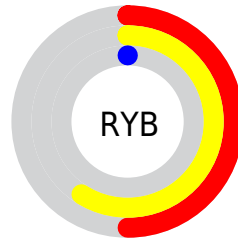
Distribution



Red (59%)

Green (32%)

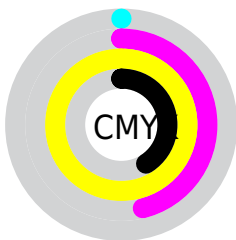
Blue (0%)



Red (50%)

Yellow (59%)

Blue (0%)

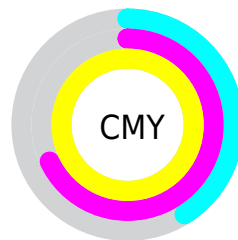


Cyan (0%)

Magenta (46%)

Yellow (100%)

Black (41%)



Cyan (41%)

Magenta (68%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 35.5160, 17.1545, 22.1851 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 35.5160, 17.1545, 22.1851 by changing the saturation by 10% instead.

35.5160, 17.1545,
22.1851

35.5160, 17.1545,
22.1851

144.3719, 21.0072,
53.4730

26.7650, 16.2413,
18.0861

55.3259, 18.6066,
30.2356

18.8803, 15.1850,
13.2162

66.2740, 19.1789,
33.9416

11.9714, 13.9698,
8.3800

77.8619, 19.6628,
37.4810

4.9088, 21.0821,
3.4362

90.0561, 20.0666,
40.8811

0.0000, NaN, NaN

0.0000, NaN, NaN

102.8278, 20.3975,
44.1641

0.0000, NaN, NaN


116.1519, 20.6614,


0.0000, NaN, NaN


47.3477


0.0000, NaN, NaN


 130.0064, 20.8632,
50.4467

 35.5160, 17.1545,
22.1851

 35.5160, 17.1545,
22.1851

 35.5166, 17.1529,
22.1854

 37.0714, 14.1579,
22.3620

 38.7350, 11.3108,
22.1653

 40.5126, 8.6880,
21.4374

 42.3983, 6.3074,
20.1794

 44.3860, 4.1755,
18.4106

■ 46.4691, 2.2905,
16.1600

■ 48.6410, 0.6452,
13.4611

■ 50.8956, -0.7711,
10.3491

■ 53.2272, -1.9711,
6.8583

Harmonies

Analogous

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



35.5170, 38.1900, 17.7450



35.5160, 17.1545, 22.1851



35.5170, -5.3043, 22.9437

Triad

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



35.5170, 17.1521, 22.1855



35.5170, -34.1119, -1.5324



35.5170, 24.5994, -46.9717

Complementary

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



35.5160, 17.1545, 22.1851



25.4763, 9.4642, -52.2731

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.



35.5170, 1.6438, -62.6277



35.5160, 17.1545, 22.1851



35.5170, -29.5703, -28.2244

Square

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



35.5170, 17.1521, 22.1855



35.5170, -31.8219, 14.7856



35.5170, -17.6219, -54.2814



35.5170, 43.1498, -18.8246

Rectangle

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



35.5160, 17.1545, 22.1851



35.5170, -17.4952, 22.2018



35.5170, -17.6219, -54.2814



35.5170, 16.9662, -54.4384

Sweetspot

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



35.5170, 17.1521, 22.1855



64.9150, 0.9874, 18.2483



26.5094, 47.0877, 4.0258



30.4051, 0.8638, 9.3942



87.6224, -4.6753, 4.7607



35.4919, -1.8938, 1.9283

Same Dimension

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



35.5170, 17.1521, 22.1855



47.1396, 23.8168, 29.4642



53.1421, -16.0307, 32.4652



25.9818, -0.9992, 3.2000



32.8464, 15.6287, 20.5134



4.8372, 0.2979, 2.9859

Inverse Universe

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



25.4763, 9.4642, -52.2731



33.5655, 13.7771, -71.6946



15.0563, 40.6224, -105.3037



25.4324, -1.6555, -0.5111



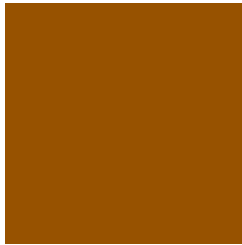
23.6161, 8.4838, -47.8321



3.9356, -0.7970, -3.1987

Previews

White Background



This preview shows how the HunterLab color 35.5160, 17.1545, 22.1851 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 35.5160, 17.1545, 22.1851 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 35.5160, 17.1545, 22.1851 Background



This preview shows how black text looks on a background with the HunterLab color 35.5160, 17.1545, 22.1851.



This preview shows how white text looks on a background with the HunterLab color 35.5160, 17.1545,

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

35.5160, 17.1545, 22.1851

Protanopia

35.8394, -5.2927, 21.4160

Deuteranopia

35.6321, 1.9893, 21.9911



Tritanopia

35.5642, 25.2649, 9.0487

Trichromacy



Original Color

35.5160, 17.1545, 22.1851

Protanomaly

35.4048, 2.5700, 21.4765

Deuteranomaly

35.4211, 7.6041, 21.9595

Tritanomaly

35.3115, 21.5170, 16.6805

Monochromacy



Original Color

35.5160, 17.1545, 22.1851

Achromatopsia

33.0850, -1.7653, 1.7976

Achromatomaly

33.2234, 2.5774, 13.1332

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 35.5160, 17.1545, 22.1851 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(151, 82, 0)` looks like.

```
.text, #text, p{  
    color:rgb(151, 82, 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(151, 82, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 82, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 35.5160, 17.1545, 22.1851 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(151, 82, 0) }
```


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

```
.border{ border-color:rgb(151, 82, 0) }
```

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

Here you see how a box with a 4 pixel rgb(151, 82, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 82, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 82, 0);  
box-shadow:4px 4px 4px 4px rgb(151, 82, 0)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 35.5160, 17.1545, 22.1851 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 82, 0) }
```

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

```
.background{ background-color: rgb(151, 82,  
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