

Converting Colors

HunterLab(20.2121, 15.1336,
13.4564)

Have a look what the booklet for
HunterLab(20.2121, 15.1336,
13.4564) contains.

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Color

**HunterLab(20.2836, 15.5078,
12.7702)**

Conversions

Conversions Part 1

Format	Color
Hex	622800
RGB	98, 40, 0
RGB Percent	38%, 16%, 0%
CMY	0.6157, 0.8431, 1.0000
CMYK	0.00, 0.59, 1.00, 0.62
HSL	24°, 100%, 19%
HSV	24°, 100%, 38%
XYZ	5.7958, 4.1142, 0.4886
YIQ	52.7820, 47.4080, -0.1440

Conversions

Conversions Part 2

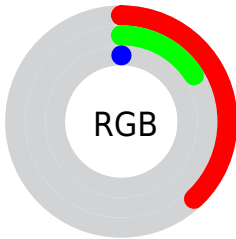
Format	Color
R_{YB}	98, 68, 0
Decimal	6432768
CIE _{Lab}	24.05, 24.19, 34.47
CIE _{LCh}	24, 42.109, 54.941
Yxy	4.1145, 0.5573, 0.3957
Android (android.graphics.Color)	4284622848 (0xFF622800)
YUV	52.7820, -26.0215, 39.6562
Hunter-Lab	20.2836, 15.5078, 12.7702

Details

The HunterLab color **20.2836, 15.5078, 12.7702** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **19.7676, -1.0249, -22.4953**, and the grayscale version is **18.8690, -1.0068, 1.0252**.

A 20% lighter version of the original color is **37.2715, 17.3773, 18.9927**, and **7.4692, 12.7912, 4.8264** is the 20% darker color. If you saturate the color by 10%, you get **20.2841, 15.5062, 12.7704**, and if you desaturate by 10%, it is **21.3466, 13.3168, 12.6052**.

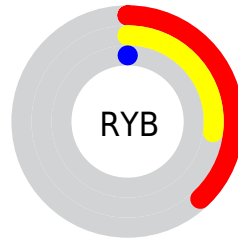
Distribution



Red (38%)

Green (16%)

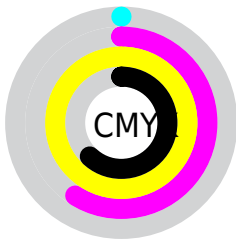
Blue (0%)



Red (38%)

Yellow (27%)

Blue (0%)

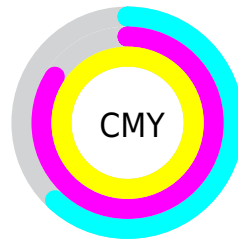


Cyan (0%)

Magenta (59%)

Yellow (100%)

Black (62%)



Cyan (62%)

Magenta (84%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 20.2836, 15.5078, 12.7702 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 20.2836, 15.5078, 12.7702 by changing the saturation by 10% instead.

■ 20.2836, 15.5078,
12.7702

■ 20.2836, 15.5078,
12.7702

■ 118.7026, 20.8724,
36.6479

■ 13.1826, 14.3138,
9.2278

■ 37.2428, 17.4336,
18.9337

■ 6.6929, 15.7195,
4.6851

■ 46.9236, 18.2016,
21.7930

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 57.3225, 18.8600,
24.4988

0.0000, NaN, NaN

■ 68.3931, 19.4214,
27.0849

0.0000, NaN, NaN

■ 80.0967, 19.8958,
29.5762

0.0000, NaN, NaN


0.0000, NaN, NaN


■ 92.4009, 20.2913,


31.9914


0.0000, NaN, NaN


 105.2777, 20.6150,
34.3449

 20.2836, 15.5078,
12.7702

 20.2836, 15.5078,
12.7702

 20.2841, 15.5062,
12.7704

 21.3466, 13.3168,
12.6052

 22.5087, 11.1258,
12.3700

 23.7772, 9.0395,
11.8460

 25.1434, 7.0799,
11.0498

 26.5986, 5.2575,
10.0049

■ 28.1346, 3.5747,
8.7366

■ 29.7440, 2.0284,
7.2700

■ 31.4200, 0.6121,
5.6282

■ 33.1565, -0.6826,
3.8317

Harmonies

Analogous

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



20.2842, 27.1781, 8.8316



20.2836, 15.5078, 12.7702



20.2842, 1.1858, 14.1989

Triad

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



20.2842, 15.5062, 12.7704



20.2842, -20.5687, 3.1054



20.2842, 10.6670, -34.8488

Complementary

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



20.2836, 15.5078, 12.7702



19.7676, -1.0249, -22.4953

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.



20.2842, -3.2571, -40.1956



20.2836, 15.5078, 12.7702



20.2842, -19.2415, -11.8197

Square

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



20.2842, 15.5062, 12.7704



20.2842, -17.8568, 10.6082



20.2842, -13.6182, -29.9273



20.2842, 23.9237, -18.0429

Rectangle

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



20.2836, 15.5078, 12.7702



20.2842, -7.1770, 14.0409



20.2842, -13.6182, -29.9273



20.2842, 5.8270, -38.3648

Sweetspot

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



20.2842, 15.5062, 12.7704



39.1808, 2.8613, 9.8078



17.0597, 31.0539, -3.2300



18.8041, 1.6715, 5.0593



72.2857, -3.8570, 3.9274



22.5557, -1.2035, 1.2255

Same Dimension

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



20.2842, 15.5062, 12.7704



26.4775, 21.4650, 16.6911



30.9982, -5.0525, 19.0125



16.5524, -0.4080, 1.7958



23.2299, 18.3364, 14.6352



52.1338, 46.3604, 32.9362

Inverse Universe

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



19.7676, -1.0249, -22.4953



25.7670, -0.6842, -30.7296



10.4622, 21.1193, -58.6672



16.5378, -1.3078, -0.0329



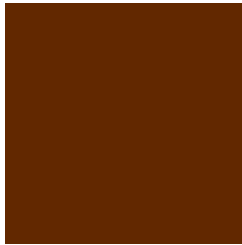
22.6222, -0.8668, -26.4047



50.5729, 0.9188, -65.1952

Previews

White Background



This preview shows how the HunterLab color 20.2836, 15.5078, 12.7702 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 ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

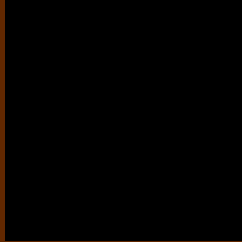
Any Text WCAG AA × Fail

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 20.2836, 15.5078, 12.7702 Background



This preview shows how black text looks on a background with the HunterLab color 20.2836, 15.5078, 12.7702.



This preview shows how white text looks on a background with the HunterLab color 20.2836, 15.5078,

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

20.2836, 15.5078, 12.7702

Protanopia

20.7560, -3.0797, 11.9155

Deuteranopia

20.4651, 0.7338, 12.6234



Tritanopia

20.3199, 18.8176, 6.9930

Trichromacy



Original Color

20.2836, 15.5078, 12.7702

Protanomaly

20.2209, 3.4788, 12.0157

Deuteranomaly

20.2983, 5.8784, 12.6106

Tritanomaly

20.2708, 17.4854, 10.1069

Monochromacy



Original Color

20.2836, 15.5078, 12.7702

Achromatopsia

18.8683, -1.0068, 1.0252

Achromatomaly

18.6939, 3.5697, 6.7817

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 20.2836, 15.5078, 12.7702 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(98, 40, 0)` looks like.

```
.text, #text, p{  
    color:rgb(98, 40, 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(98, 40, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 40, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 20.2836, 15.5078, 12.7702 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(98, 40, 0) }
```


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

```
.border{ border-color:rgb(98, 40, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 40, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 40, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(98, 40, 0); box-shadow:4px  
4px 4px 4px rgb(98, 40, 0) }
```

Background

The CSS property to change the background color of an element to HunterLab 20.2836, 15.5078, 12.7702 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 40, 0) }
```

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

```
.background{ background-color: rgb(98, 40,  
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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