

Converting Colors

HunterLab(42.2352, 16.1281,
25.5626)

Have a look what the booklet for
HunterLab(42.2352, 16.1281,
25.5626) contains.

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Color

**HunterLab(42.3012, 15.9903,
25.6024)**

Conversions

Conversions Part 1

Format	Color
Hex	AA6511
RGB	170, 101, 17
RGB Percent	67%, 40%, 7%
CMY	0.3333, 0.6039, 0.9333
CMYK	0.00, 0.41, 0.90, 0.33
HSL	33°, 82%, 37%
HSV	33°, 90%, 67%
XYZ	21.3325, 17.8939, 2.8599
YIQ	112.0550, 68.0880, -11.4960

Conversions

Conversions Part 2

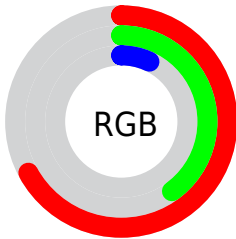
Format	Color
R_{YB}	143, 170, 17
Decimal	11166993
CIE Lab	49.37, 22.10, 53.25
CIE LCh	49, 57.655, 67.461
Yxy	17.8949, 0.5069, 0.4252
Android (android.graphics.Color)	4289357073 (0xFFAA6511)
YUV	112.0550, -46.8621, 50.8178
Hunter-Lab	42.3012, 15.9903, 25.6024

Details

The HunterLab color **42.3012, 15.9903, 25.6024** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **31.1077, 7.6172, -53.1818**, and the grayscale version is **40.4306, -2.1573, 2.1967**.

A 20% lighter version of the original color is **63.0352, 17.1134, 33.5346**, and **24.6639, 14.7457, 15.4559** is the 20% darker color. If you saturate the color by 10%, you get **40.5393, 19.4158, 25.3198**, and if you desaturate by 10%, it is **44.1914, 12.7398, 25.4227**.

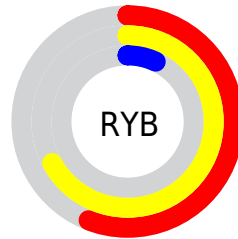
Distribution



Red (67%)

Green (40%)

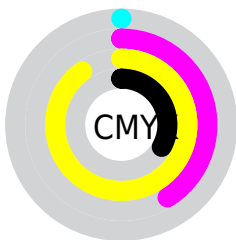
Blue (7%)



Red (56%)

Yellow (67%)

Blue (7%)

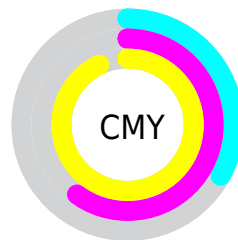


Cyan (0%)

Magenta (41%)

Yellow (90%)

Black (33%)



Cyan (33%)

Magenta (60%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 42.3012, 15.9903, 25.6024 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 42.3012, 15.9903, 25.6024 by changing the saturation by 10% instead.

42.3012, 15.9903,
25.6024

42.3012, 15.9903,
25.6024

155.0089, 18.6253,
57.0380

32.9765, 15.2649,
21.2430

63.1333, 17.1095,
33.5986

24.4592, 14.4126,
17.1214

74.5451, 17.5330,
37.3058

16.8358, 13.4108,
11.7851

86.5721, 17.8774,
40.8600

10.2271, 12.2438,
7.1589

99.1843, 18.1497,
44.2852

0.0000, INF, NaN

0.0000, NaN, NaN

112.3556, 18.3560,
47.6011

0.0000, NaN, NaN

126.0633, 18.5013,

0.0000, NaN, NaN


50.8234


0.0000, NaN, NaN


 140.2871, 18.5899,
53.9654


 42.3012, 15.9903,
25.6024


 42.3012, 15.9903,
25.6024


 40.5393, 19.4158,
25.3198

 44.1914, 12.7398,
25.4227

 40.5388, 19.4168,
25.3198

 46.2102, 9.7510,
24.6261

 48.3526, 7.0431,
23.2111

 50.6114, 4.6238,
21.1983

 52.9795, 2.4915,
18.6204

■ 55.4494, 0.6380,
15.5157

■ 58.0141, -0.9489,
11.9249

■ 60.6671, -2.2840,
7.8881

■ 63.4023, -3.3832,
3.4434

Harmonies

Analogous

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



42.3023, 38.6996, 20.6847



42.3012, 15.9903, 25.6024



42.3023, -7.8295, 26.3439

Triad

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



42.3023, 15.9877, 25.6028



42.3023, -37.6799, -3.5088



42.3023, 28.0103, -46.3015

Complementary

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



42.3012, 15.9903, 25.6024



31.1077, 7.6172, -53.1818

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.



42.3023, 3.6146, -63.8949



42.3012, 15.9903, 25.6024



42.3023, -31.8581, -31.9417

Square

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



42.3023, 15.9877, 25.6028



42.3023, -35.7454, 15.4233



42.3023, -17.8573, -57.5765



42.3023, 46.6076, -17.1184

Rectangle

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



42.3012, 15.9903, 25.6024



42.3023, -20.7192, 25.1645



42.3023, -17.8573, -57.5765



42.3023, 20.0345, -54.3202

Sweetspot

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



42.3023, 15.9877, 25.6028



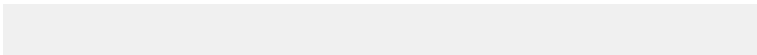
75.5449, 0.2904, 19.7462



31.0778, 52.1938, 2.2829



35.1442, 0.4931, 10.0379



93.2148, -4.9737, 5.0645



40.3295, -2.1519, 2.1912

Same Dimension

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



42.3023, 15.9877, 25.6028



54.2007, 27.0473, 33.8717



60.6451, -17.9107, 36.5370



28.6345, -1.1154, 3.5672



34.9309, 16.3000, 21.8096



6.3002, 0.8370, 3.8968

Inverse Universe

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



31.1077, 7.6172, -53.1818



37.9327, 17.0321, -84.1801



18.6415, 41.9635, -108.7340



27.9943, -1.8058, -0.6111



24.7251, 9.6244, -51.6804



5.0165, -0.6050, -4.9641

Previews

White Background



This preview shows how the HunterLab color 42.3012, 15.9903, 25.6024 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 42.3012, 15.9903, 25.6024 looks on a black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 42.3012, 15.9903, 25.6024 Background



This preview shows how black text looks on a background with the HunterLab color 42.3012, 15.9903, 25.6024.



This preview shows how white text looks on a background with the HunterLab color 42.3012, 15.9903,

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

42.3012, 15.9903, 25.6024

Protanopia

42.4280, -5.6891, 24.9836

Deuteranopia

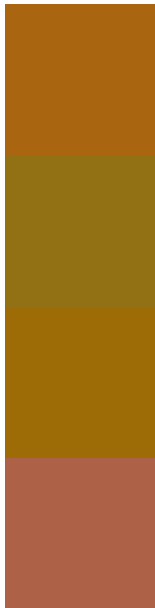
42.4004, 2.3710, 26.1684



Tritanopia

42.3600, 26.1910, 9.3279

Trichromacy



Original Color

42.3012, 15.9903, 25.6024

Protanomaly

42.1306, 1.5790, 25.0569

Deuteranomaly

42.3159, 7.3600, 25.9623

Tritanomaly

42.2798, 21.4828, 18.3032

Monochromacy



Original Color

42.3012, 15.9903, 25.6024

Achromatopsia

40.2529, -2.1478, 2.1870

Achromatomaly

40.3082, 1.9754, 14.5447

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 42.3012, 15.9903, 25.6024 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(170, 101, 17)` looks like.

```
.text, #text, p{  
    color:rgb(170, 101, 17)  
}
```

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(170, 101, 17) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 101, 17) }
```

Border

The CSS property to change the border of an element to HunterLab 42.3012, 15.9903, 25.6024 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(170, 101, 17) }
```


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

```
.border{ border-color:rgb(170, 101, 17) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 101, 17)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 101, 17); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 101, 17);  
box-shadow:4px 4px 4px 4px rgb(170, 101,  
17) }
```

Background

The CSS property to change the background color of an element to HunterLab 42.3012, 15.9903, 25.6024 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 101, 17) }
```

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

```
.background{ background-color: rgb(170,  
101, 17) }
```

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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