

Converting Colors

HunterLab(24.6632, -1.7264,
17.2642)

Have a look what the booklet for
HunterLab(24.6632, -1.7264,
17.2642) contains.

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Color

**HunterLab(24.7238, -0.6350,
15.2236)**

Conversions

Conversions Part 1

Format	Color
Hex	564400
RGB	86, 68, 0
RGB Percent	34%, 27%, 0%
CMY	0.6627, 0.7333, 1.0000
CMYK	0.00, 0.21, 1.00, 0.66
HSL	47°, 100%, 17%
HSV	47°, 100%, 34%
XYZ	5.9049, 6.1127, 0.8686
YIQ	65.6300, 32.5560, -17.3320

Conversions

Conversions Part 2

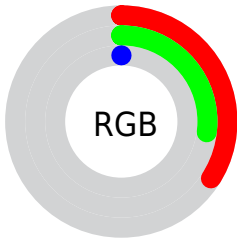
Format	Color
R _Y B	23, 86, 0
Decimal	5653504
CIE Lab	29.70, 1.07, 38.77
CIE LCh	30, 38.788, 88.426
Yxy	6.1130, 0.4582, 0.4744
Android (android.graphics.Color)	4283843584 (0xFF564400)
YUV	65.6300, -32.3556, 17.8645
Hunter-Lab	24.7238, -0.6350, 15.2236

Details

The HunterLab color $24.7238, -0.6350, 15.2236$ is a dark color, and the **websafe** version is hex 333300 . A complement of this color would be $10.5094, 13.8120, -42.9512$, and the grayscale version is $23.3136, -1.2440, 1.2667$.

A 20% lighter version of the original color is $42.6732, -1.6079, 22.0742$, and $10.5539, 0.0834, 6.5047$ is the 20% darker color. If you saturate the color by 10%, you get $24.7243, -0.6360, 15.2239$, and if you desaturate by 10%, it is $25.2049, -1.1733, 14.9296$.

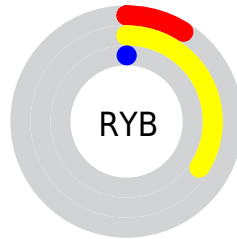
Distribution



Red (34%)

Green (27%)

Blue (0%)



Red (9%)

Yellow (34%)

Blue (0%)

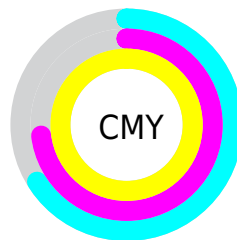


Cyan (0%)

Magenta (21%)

Yellow (100%)

Black (66%)



Cyan (66%)

Magenta (73%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 24.7238, -0.6350, 15.2236 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 24.7238, -0.6350, 15.2236 by changing the saturation by 10% instead.

■ 24.7238, -0.6350,
15.2236

■ 33.2694, -1.0221,
18.7365

■ 42.6205, -1.4571,
22.0070

■ 52.7132, -1.9364,
25.0809

■ 63.4967, -2.4565,
27.9997

■ 74.9293, -3.0144,
30.7946

■ 86.9759, -3.6077,
33.4894

■ 99.6068, -4.2346,
36.1025

■ 112.7960, -4.8933,
38.6481

■ 126.5208, -5.5824,
41.1374

■ 24.7238, -0.6350,
15.2236

■ 17.0701, -0.3059,
11.9491

■ 10.4257, -0.0414,
7.2980

0.0000, NaN, NaN

0.0000, NaN, NaN

0.0000, NaN, NaN

0.0000, NaN, NaN

0.0000, NaN, NaN

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 24.7238, -0.6350,
15.2236

■ 24.7243, -0.6360,
15.2239

■ 24.7238, -0.6350,
15.2236

■ 25.2049, -1.1733,
14.9296

■ 25.6962, -1.6761,
14.5617

■ 26.2110, -2.0735,
13.9303

■ 26.7503, -2.3583,
13.0201

■ 27.3144, -2.5273,
11.8254

■ 27.9035, -2.5789,
10.3452

■ 28.5175, -2.5132,
8.5822

■ 29.1561, -2.3313,
6.5413

■ 29.8189, -2.0351,
4.2300

Harmonies

Analogous

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



24.7244, 13.0392, 14.1838



24.7238, -0.6350, 15.2236



24.7244, -12.0460, 14.3971

Triad

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



24.7244, -0.6361, 15.2238



24.7244, -19.5580, -12.7114



24.7244, 23.5331, -14.4530

Complementary

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



24.7238, -0.6350, 15.2236



10.5094, 13.8120, -42.9512

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.



24.7244, 11.6166, -29.6579



24.7238, -0.6350, 15.2236



24.7244, -13.0044, -28.3407

Square

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



24.7244, -0.6361, 15.2238



24.7244, -21.5365, 1.9847



24.7244, -1.9976, -35.7195



24.7244, 28.6485, 0.6894

Rectangle

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



24.7238, -0.6350, 15.2236



24.7244, -17.2627, 12.4352



24.7244, -1.9976, -35.7195



24.7244, 20.0841, -19.9651

Sweetspot

The sweet spot groups the original color and five complimentary colors.



24.7244, -0.6361, 15.2238



37.6173, -3.3385, 11.6002



14.2276, 24.6861, 6.6993



18.4801, -1.6648, 6.0279



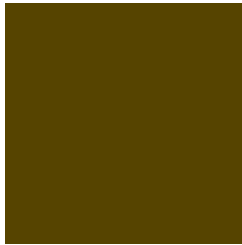
69.0652, -3.6851, 3.7524



19.9203, -1.0629, 1.0823

Previews

White Background



This preview shows how the HunterLab color 24.7238, -0.6350, 15.2236 looks on a white background.

Color Contrast Check

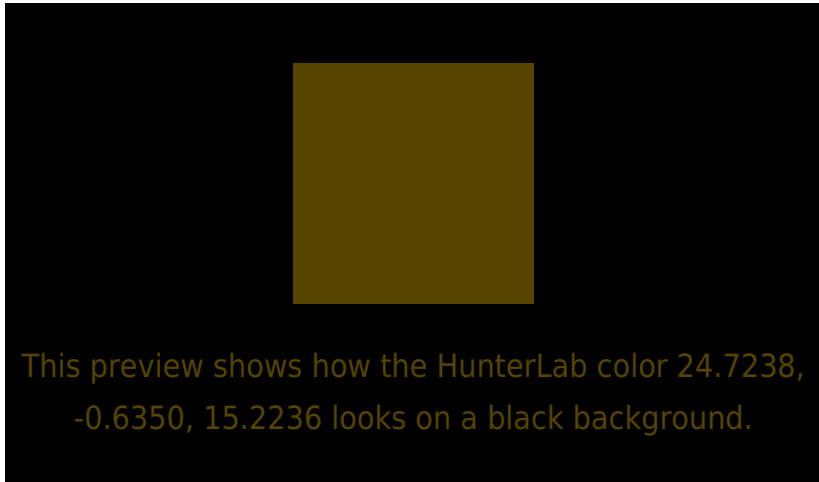
Large Text (above 18pt) WCAG AA ✓ Pass

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

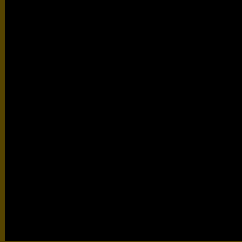
Any Text WCAG AA × Fail

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 24.7238, -0.6350, 15.2236 Background



This preview shows how black text looks on a background with the HunterLab color 24.7238, -0.6350, 15.2236.



This preview shows how white text looks on a background with the HunterLab color 24.7238, -0.6350, 15.2236.

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

24.7238, -0.6350, 15.2236

Protanopia

24.8546, -3.9986, 14.9713

Deuteranopia

24.7974, 0.9058, 14.9526



Tritanopia

24.6905, 6.9695, 2.2037

Trichromacy



Original Color

24.7238, -0.6350, 15.2236

Protanomaly

24.8611, -2.6800, 15.0669

Deuteranomaly

24.6893, 0.5207, 15.0156

Tritanomaly

24.5555, 3.1938, 9.6685

Monochromacy



Original Color

24.7238, -0.6350, 15.2236

Achromatopsia

23.3410, -1.2454, 1.2682

Achromatomaly

23.6600, -2.3799, 9.0483

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 24.7238, -0.6350, 15.2236 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(86, 68, 0)` looks like.

```
.text, #text, p{  
    color:rgb(86, 68, 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(86, 68, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 68, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 24.7238, -0.6350, 15.2236 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(86, 68, 0) }
```

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

```
.border{ border-color:rgb(86, 68, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(86, 68, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 68, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(86, 68, 0); box-shadow:4px  
4px 4px 4px rgb(86, 68, 0) }
```

Background

The CSS property to change the background color of an element to HunterLab 24.7238, -0.6350, 15.2236 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 68, 0) }
```

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

```
.background{ background-color: rgb(86, 68,  
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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