

Converting Colors

HunterLab(24.2171, -9.4952,
7.0660)

Have a look what the booklet for
HunterLab(24.2171, -9.4952, 7.0660)
contains.

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Color

**HunterLab(24.2211, -9.5002,
7.0920)**

Conversions

Conversions Part 1

Format	Color
Hex	344A33
RGB	52, 74, 51
RGB Percent	20%, 29%, 20%
CMY	0.7961, 0.7098, 0.8000
CMYK	0.30, 0.00, 0.31, 0.71
HSL	117°, 18%, 25%
HSV	117°, 31%, 29%
XYZ	4.4625, 5.8666, 4.0291
YIQ	64.8000, -5.7290, -11.8170

Conversions

Conversions Part 2

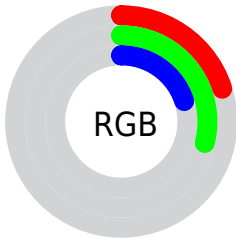
Format	Color
RYB	51, 74, 73
Decimal	3426867
CIELab	29.07, -13.91, 11.07
CIELCh	29, 17.771, 141.486
Yxy	5.8669, 0.3108, 0.4086
Android (android.graphics.Color)	4281616947 (0xFF344A33)
YUV	64.8000, -6.8034, -11.2256
Hunter-Lab	24.2211, -9.5002, 7.0920

Details

The HunterLab color **24.2211, -9.5002, 7.0920** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **20.6850, 8.3960, -5.6775**, and the grayscale version is **22.9465, -1.2244, 1.2467**.

A 20% lighter version of the original color is **42.0495, -12.5173, 9.7455**, and **9.9879, -6.6786, 5.1853** is the 20% darker color. If you saturate the color by 10%, you get **23.7334, -11.6389, 8.5657**, and if you desaturate by 10%, it is **24.7782, -7.1177, 5.4367**.

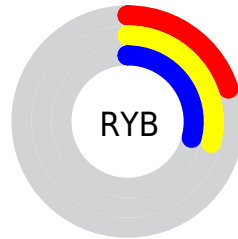
Distribution



Red (20%)

Green (29%)

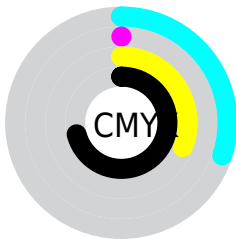
Blue (20%)



Red (20%)

Yellow (29%)

Blue (29%)

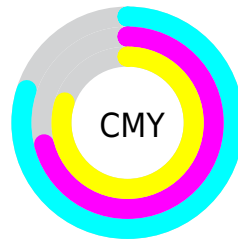


Cyan (30%)

Magenta (0%)

Yellow (31%)

Black (71%)



Cyan (80%)

Magenta (71%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 24.2211, -9.5002, 7.0920 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 24.2211, -9.5002, 7.0920 by changing the saturation by 10% instead.

■ 24.2211, -9.5002,
7.0920

■ 24.2211, -9.5002,
7.0920

■ 125.6525,
-21.6235, 17.8623

■ 16.6262, -7.9774,
5.7849

■ 42.0170, -12.3290,
9.5476

■ 10.0496, -6.6571,
5.1462

■ 52.0652, -13.6858,
10.7388

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 62.8071, -15.0227,
11.9208

0.0000, NaN, NaN

■ 74.2004, -16.3478,
13.1001

0.0000, NaN, NaN

■ 86.2097, -17.6668,
14.2812

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 98.8051, -18.9839,

15.4671

0.0000, NaN, NaN

111.9603,
-20.3020, 16.6603

■ 24.2211, -9.5002,
7.0920

■ 24.2211, -9.5002,
7.0920

■ 23.7334, -11.6389,
8.5657

■ 24.7782, -7.1177,
5.4367

■ 23.3141, -13.5129,
9.8440

■ 25.4018, -4.5128,
3.6146

■ 22.9634, -15.1078,
10.9175

■ 26.0906, -1.7102,
1.6432

■ 22.6799, -16.4150,
11.7819

■ 26.8423, 1.2652,
-0.4599

■ 22.4612, -17.4340,
12.4386

■ 27.6543, 4.3895,
-2.6777

■ 22.3018, -18.1837,
12.9201

■ 28.5237, 7.6402,
-4.9937

■ 22.1777, -18.7769,
13.3371

■ 29.4476, 10.9967,
-7.3930

■ 30.4231, 14.4408,
-9.8622

■ 31.4473, 17.9565,
-12.3893

Harmonies

Analogous

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



24.2216, -5.2872, 9.3268



24.2211, -9.5002, 7.0920



24.2216, -11.4676, 2.8535

Triad

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



24.2216, -9.5007, 7.0923



24.2216, -2.9407, -11.8705



24.2216, 10.1177, 4.9276

Complementary

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



24.2211, -9.5002, 7.0920



20.6850, 8.3960, -5.6775

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.



24.2216, 10.8979, -0.3241



24.2211, -9.5002, 7.0920



24.2216, 2.9765, -10.9378

Square

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



24.2216, -9.5007, 7.0923



24.2216, -7.9233, -8.6664



24.2216, 8.1763, -6.3577



24.2216, 6.1359, 8.2997

Rectangle

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



24.2211, -9.5002, 7.0920



24.2216, -11.3835, -0.9163



24.2216, 8.1763, -6.3577



24.2216, 10.7772, 3.3587

Sweetspot

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



24.2216, -9.5007, 7.0923



33.6757, -5.3339, 4.3340



25.3782, -3.6556, 8.2567



16.8744, -2.8223, 2.2773



65.8695, -3.5146, 3.5788



17.3419, -0.9253, 0.9422

Same Dimension

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



24.2216, -9.5007, 7.0923



31.4836, -14.6503, 10.8169



24.3769, -8.4930, 4.0133



13.6764, -2.0672, 1.6902



30.8729, -26.2354, 18.5644



75.0867, -64.1665, 45.1447

Inverse Universe

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



20.6850, 8.3960, -5.6775



25.7972, 14.2172, -9.7911



20.4691, 7.1147, -1.1620



13.1291, 0.6885, -0.2747



18.7935, 37.2887, -27.4240



45.6364, 90.6108, -67.0757

Previews

White Background



This preview shows how the HunterLab color 24.2211, -9.5002, 7.0920 looks on a white background.

Color Contrast Check

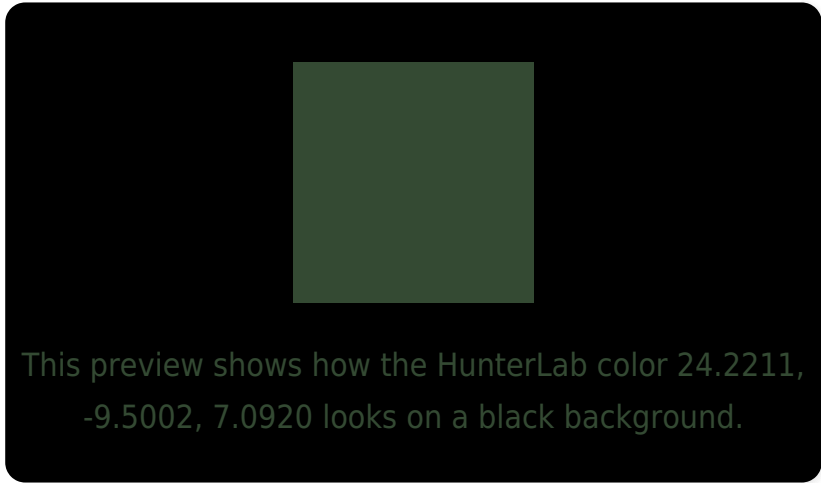
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.2211, -9.5002, 7.0920 Background



This preview shows how black text looks on a background with the HunterLab color 24.2211, -9.5002, 7.0920.

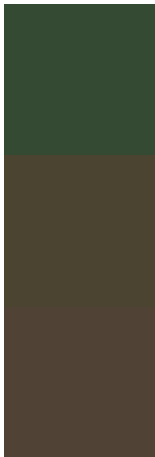


This preview shows how white text looks on a background with the HunterLab color 24.2211, -9.5002,

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

24.2211, -9.5002, 7.0920

Protanopia

24.1078, -1.8684, 7.6761

Deuteranopia

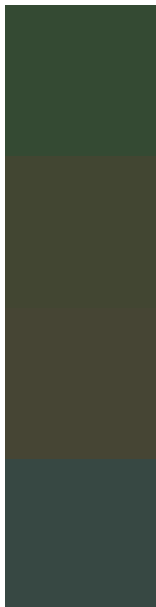
24.2053, 1.1432, 6.6850



Tritanopia

24.2861, -3.9498, -1.7966

Trichromacy



Original Color

24.2211, -9.5002, 7.0920

Protanomaly

24.0184, -4.7793, 7.2674

Deuteranomaly

24.0962, -3.1015, 6.7998

Tritanomaly

24.1913, -6.1348, 1.7846

Monochromacy



Original Color

24.2211, -9.5002, 7.0920

Achromatopsia

22.9914, -1.2268, 1.2492

Achromatomaly

23.2834, -4.3594, 3.3848

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 24.2211, -9.5002, 7.0920 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(52, 74, 51)` looks like.

```
.text, #text, p{  
    color:rgb(52, 74, 51)  
}
```

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(52, 74, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(52, 74, 51) }
```

Border

The CSS property to change the border of an element to HunterLab 24.2211, -9.5002, 7.0920 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(52, 74, 51) }
```


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

```
.border{ border-color:rgb(52, 74, 51) }
```

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

Here you see how a box with a 4 pixel `rgb(52, 74, 51)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(52, 74, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(52, 74, 51);  
box-shadow:4px 4px 4px 4px rgb(52, 74, 51)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 24.2211, -9.5002, 7.0920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(52, 74, 51) }
```

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

```
.background{ background-color: rgb(52, 74,  
51) }
```

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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