

Converting Colors

HunterLab(24.2630, -0.2809,
9.5931)

Have a look what the booklet for
HunterLab(24.2630, -0.2809, 9.5931)
contains.

HunterLab(24.2630, -0.2809, 9.5931)	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(24.2630, -0.2809,
9.5931)**

Conversions

Conversions Part 1

Format	Color
Hex	50432A
RGB	80, 67, 42
RGB Percent	31%, 26%, 16%
CMY	0.6863, 0.7372, 0.8353
CMYK	0.00, 0.16, 0.47, 0.69
HSL	39°, 31%, 24%
HSV	39°, 47%, 31%
XYZ	5.7333, 5.8869, 3.0246
YIQ	68.0370, 15.7730, -5.0190

Conversions

Conversions Part 2

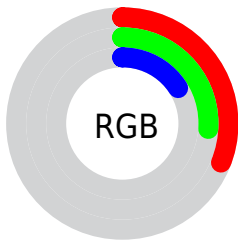
Format	Color
R_{YB}	62, 80, 42
Decimal	5260074
CIE _{Lab}	29.13, 1.58, 17.23
CIE _{LCh}	29, 17.304, 84.747
Yxy	5.8872, 0.3915, 0.4020
Android (android.graphics.Color)	4283450154 (0xFF50432A)
YUV	68.0370, -12.8362, 10.4916
Hunter-Lab	24.2630, -0.2809, 9.5931

Details

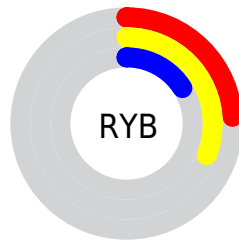
The HunterLab color **24.2630, -0.2809, 9.5931** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **19.5030, 0.3649, -11.0481**, and the grayscale version is **24.0960, -1.2857, 1.3092**.

A 20% lighter version of the original color is **42.0855, -1.1302, 12.9063**, and **10.0528, 0.5148, 6.2035** is the 20% darker color. If you saturate the color by 10%, you get **23.4900, 0.2721, 10.6592**, and if you desaturate by 10%, it is **25.0668, -0.7293, 8.2956**.

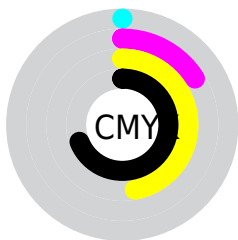
Distribution



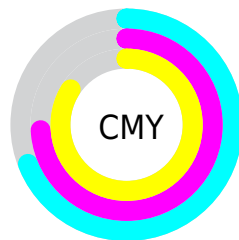
- Red (31%)
- Green (26%)
- Blue (16%)



- Red (24%)
- Yellow (31%)
- Blue (16%)



- Cyan (0%)
- Magenta (16%)
- Yellow (47%)
- Black (69%)



- Cyan (69%)
- Magenta (74%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 24.2630, -0.2809, 9.5931 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 24.2630, -0.2809, 9.5931 by changing the saturation by 10% instead.

■ 24.2630, -0.2809,
9.5931

■ 24.2630, -0.2809,
9.5931

■ 125.7251, -4.9697,
23.5539

■ 16.6632, 0.0068,
7.7244

■ 42.0674, -1.0316,
12.9722

■ 10.0809, 0.2232,
7.0567

■ 52.1194, -1.4795,
14.5583

0.0000, NaN, NaN

■ 62.8647, -1.9701,
16.1037

0.0000, NaN, NaN

■ 74.2613, -2.5002,
17.6209

0.0000, NaN, NaN

■ 86.2738, -3.0673,
19.1188

0.0000, NaN, NaN

■ 98.8721, -3.6690,

0.0000, NaN, NaN

112.0301, -4.3037,
22.0810

24.2630, -0.2809,
9.5931

24.2630, -0.2809,
9.5931

23.4900, 0.2721,
10.6592

25.0668, -0.7293,
8.2956

22.7472, 0.9336,
11.4857

25.8985, -1.0728,
6.7755

22.0360, 1.7024,
12.0684

26.7576, -1.3158,
5.0438

21.3570, 2.5757,
12.4079

27.6428, -1.4622,
3.1119

20.7011, 3.4977,
12.6526

28.5529, -1.5164,
0.9915

■ 20.5392, 3.7278,
12.7214

■ 29.4868, -1.4830,
-1.3061

■ 30.4434, -1.3664,
-3.7696

■ 31.4215, -1.1714,
-6.3885

■ 32.4202, -0.9024,
-9.1526

Harmonies

Analogous

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



24.2636, 5.3767, 8.3992



24.2630, -0.2809, 9.5931



24.2636, -5.7259, 9.0242

Triad

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



24.2636, -0.2818, 9.5934



24.2636, -10.4893, -3.4743



24.2636, 8.3435, -5.5193

Complementary

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



24.2630, -0.2809, 9.5931



19.5030, 0.3649, -11.0481

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.



24.2636, 3.4766, -10.2171



24.2630, -0.2809, 9.5931



24.2636, -7.3173, -8.8579

Square

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



24.2636, -0.2818, 9.5934



24.2636, -11.2959, 2.2583



24.2636, -2.2937, -11.5620



24.2636, 10.6425, 0.3442

Rectangle

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



24.2630, -0.2809, 9.5931



24.2636, -8.5561, 7.6328



24.2636, -2.2937, -11.5620



24.2636, 6.9330, -7.3364

Sweetspot

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



24.2636, -0.2818, 9.5934



35.6928, -1.8091, 5.9266



19.0792, 11.8281, 0.6138



18.0991, -0.9060, 3.1859



67.9972, -3.6282, 3.6944



19.0543, -1.0167, 1.0353

Same Dimension

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



24.2636, -0.2818, 9.5934



30.8734, 0.4872, 14.2733



27.1519, -7.1916, 11.8216



14.4114, -0.7585, 1.7606



26.8447, 5.4728, 16.6374



63.1198, 15.7616, 39.1701

Inverse Universe

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



19.5030, 0.3649, -11.0481



23.2108, 1.8083, -19.4958



16.9005, 7.1875, -16.0850



13.9301, -0.7166, -0.2800



15.0268, 11.1261, -42.8002



33.8747, 32.3838, -112.2477

Previews

White Background



This preview shows how the HunterLab color 24.2630, -0.2809, 9.5931 looks on a white background.

Color Contrast Check

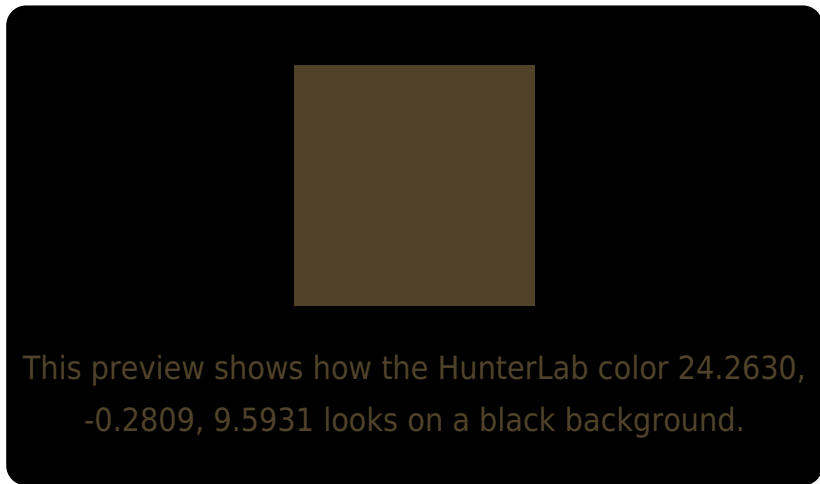
Large Text (above 18pt) WCAG AA ✓ Pass

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

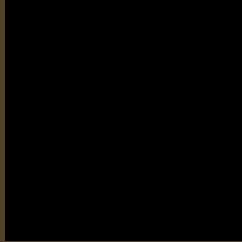
Any Text WCAG AA × Fail

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 24.2630, -0.2809, 9.5931 Background



This preview shows how black text looks on a background with the HunterLab color 24.2630, -0.2809, 9.5931.

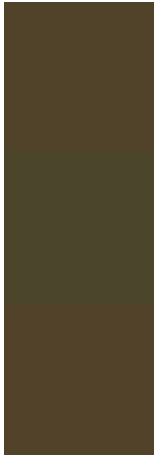


This preview shows how white text looks on a background with the HunterLab color 24.2630, -0.2809, 9.5931.

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

24.2630, -0.2809, 9.5931

Protanopia

24.3444, -2.5259, 9.3905

Deuteranopia

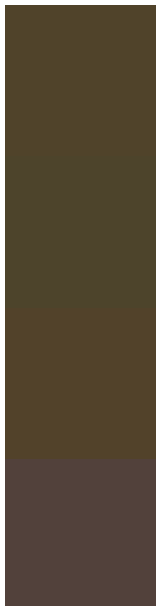
24.2953, 1.0767, 9.6438



Tritanopia

24.3628, 4.8047, 1.3945

Trichromacy



Original Color

24.2630, -0.2809, 9.5931

Protanomaly

24.2620, -1.5251, 9.3383

Deuteranomaly

24.2021, 0.7613, 9.5604

Tritanomaly

24.2697, 2.8293, 4.8963

Monochromacy



Original Color

24.2630, -0.2809, 9.5931

Achromatopsia

24.0428, -1.2829, 1.3063

Achromatomaly

24.1407, -1.3637, 4.6893

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 24.2630, -0.2809, 9.5931 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(80, 67, 42)` looks like.

```
.text, #text, p{  
    color:rgb(80, 67, 42)  
}
```

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(80, 67, 42) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 67, 42) }
```

Border

The CSS property to change the border of an element to HunterLab 24.2630, -0.2809, 9.5931 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(80, 67, 42) }
```


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

```
.border{ border-color:rgb(80, 67, 42) }
```

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

Here you see how a box with a 4 pixel `rgb(80, 67, 42)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 67, 42); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 67, 42);  
box-shadow:4px 4px 4px 4px rgb(80, 67, 42)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 24.2630, -0.2809, 9.5931 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 67, 42) }
```

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

```
.background{ background-color: rgb(80, 67,  
42) }
```

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