

Converting Colors

HunterLab(23.9516, -10.2738,
8.1982)

Have a look what the booklet for
HunterLab(23.9516, -10.2738,
8.1982) contains.

HunterLab(24.0269, -10.4188, 8.2446)	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(24.0269,
-10.4188, 8.2446)**

Conversions

Conversions Part 1

Format	Color
Hex	324A2E
RGB	50, 74, 46
RGB Percent	20%, 29%, 18%
CMY	0.8039, 0.7098, 0.8196
CMYK	0.32, 0.00, 0.38, 0.71
HSL	111°, 23%, 24%
HSV	111°, 38%, 29%
XYZ	4.2573, 5.7729, 3.4747
YIQ	63.6320, -5.3160, -13.7960

Conversions

Conversions Part 2

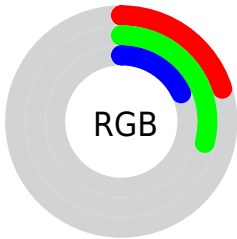
Format	Color
R_{YB}	46, 74, 70
Decimal	3295790
CIE _{Lab}	28.83, -15.67, 13.86
CIE _{LCh}	29, 20.922, 138.514
Yxy	5.7732, 0.3152, 0.4275
Android (android.graphics.Color)	4281485870 (0xFF324A2E)
YUV	63.6320, -8.6926, -11.9553
Hunter-Lab	24.0269, -10.4188, 8.2446

Details

The HunterLab color **24.0269, -10.4188, 8.2446** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **19.3666, 9.7878, -7.7298**, and the grayscale version is **22.5457, -1.2030, 1.2250**.

A 20% lighter version of the original color is **41.8091, -13.6313, 11.1652**, and **9.8677, -7.2851, 5.9529** is the 20% darker color. If you saturate the color by 10%, you get **23.5999, -12.3119, 9.5911**, and if you desaturate by 10%, it is **24.5137, -8.3046, 6.6960**.

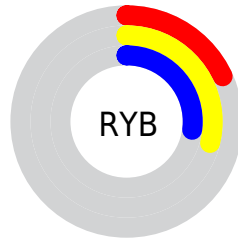
Distribution



Red (20%)

Green (29%)

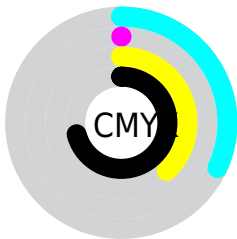
Blue (18%)



Red (18%)

Yellow (29%)

Blue (27%)

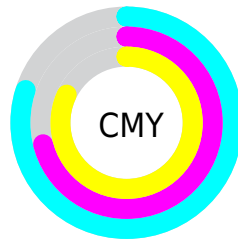


Cyan (32%)

Magenta (0%)

Yellow (38%)

Black (71%)



Cyan (80%)

Magenta (71%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 24.0269, -10.4188, 8.2446 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 24.0269, -10.4188, 8.2446 by changing the saturation by 10% instead.

■ 24.0269, -10.4188,
8.2446

■ 24.0269, -10.4188,
8.2446

125.3160,
-23.4345, 20.4452

■ 16.4549, -8.7407,
6.6834

■ 41.7835, -13.5028,
11.1152

■ 9.9049, -7.4795,
6.3603

■ 51.8145, -14.9694,
12.4834

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 62.5401, -16.4077,
13.8282

0.0000, NaN, NaN

■ 73.9181, -17.8276,
15.1588

0.0000, NaN, NaN

■ 85.9130, -19.2358,
16.4817

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 98.4945, -20.6374,

111.6365,
-22.0360, 19.1219

■ 24.0269, -10.4188,
8.2446

■ 24.0269, -10.4188,
8.2446

■ 23.5999, -12.3119,
9.5911

■ 24.5137, -8.3046,
6.6960

■ 23.2313, -13.9686,
10.7266

■ 25.0580, -5.9847,
4.9561

■ 22.9211, -15.3794,
11.6474

■ 25.6591, -3.4784,
3.0389

■ 22.6680, -16.5397,
12.3548

■ 26.3154, -0.8054,
0.9593

■ 22.4697, -17.4520,
12.8583

■ 27.0249, 2.0148,
-1.2668

■ 22.3137, -18.1826,
13.3093

■ 27.7857, 4.9631,
-3.6238

■ 22.2846, -18.3219,
13.4109

■ 28.5953, 8.0216,
-6.0967

■ 29.4515, 11.1740,
-8.6711

■ 30.3519, 14.4054,
-11.3341

Harmonies

Analogous

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



24.0274, -5.3448, 10.4481



24.0269, -10.4188, 8.2446



24.0274, -12.9306, 3.6832

Triad

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



24.0274, -10.4193, 8.2448



24.0274, -3.8634, -14.5986



24.0274, 12.6049, 4.9735

Complementary

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



24.0269, -10.4188, 8.2446



19.3666, 9.7878, -7.7298

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.



24.0274, 13.1173, -1.3378



24.0269, -10.4188, 8.2446



24.0274, 3.0672, -13.9631

Square

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



24.0274, -10.4193, 8.2448



24.0274, -9.4402, -10.1699



24.0274, 9.4615, -8.6211



24.0274, 8.1317, 8.9594

Rectangle

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



24.0269, -10.4188, 8.2446



24.0274, -13.0258, -0.6326



24.0274, 9.4615, -8.6211



24.0274, 13.2633, 3.0989

Sweetspot

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



24.0274, -10.4193, 8.2448



33.5706, -5.8055, 4.9452



24.5127, -2.8822, 8.8020



16.8340, -3.0092, 2.5553



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.



24.0274, -10.4193, 8.2448



31.2035, -15.9944, 12.4797



24.0046, -10.1476, 5.4358



13.7006, -1.9810, 1.7184



30.9850, -25.7570, 18.6419



75.2565, -63.4406, 45.2621

Inverse Universe

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



19.3666, 9.7878, -7.7298



23.7526, 16.4609, -13.2441



19.4484, 9.3992, -2.7302



13.1016, 0.5958, -0.3108



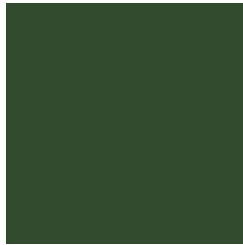
17.3388, 35.2258, -31.6836



41.8539, 85.2589, -78.2468

Previews

White Background



This preview shows how the HunterLab color 24.0269, -10.4188, 8.2446 looks on a white background.

Color Contrast Check

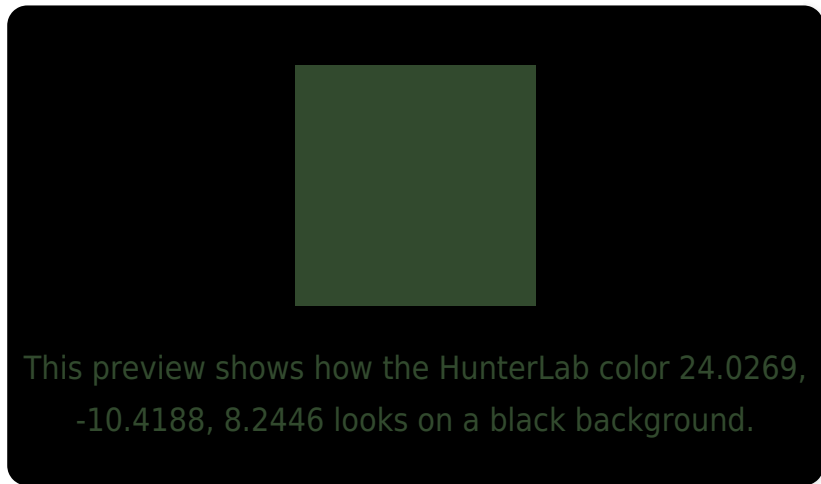
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.0269, -10.4188, 8.2446 Background



This preview shows how black text looks on a background with the HunterLab color 24.0269, -10.4188, 8.2446.



This preview shows how white text looks on a background with the HunterLab color 24.0269,

-10.4188, 8.2446.

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

24.0269, -10.4188, 8.2446

Protanopia

24.0249, -2.3254, 8.8827

Deuteranopia

23.9652, 1.3886, 7.8735



Tritanopia

23.9047, -3.9732, -2.2984

Trichromacy



Original Color

24.0269, -10.4188, 8.2446

Protanomaly

23.8613, -5.5221, 8.4377

Deuteranomaly

23.7520, -3.1936, 7.8668

Tritanomaly

23.7592, -6.4517, 2.0476

Monochromacy



Original Color

24.0269, -10.4188, 8.2446

Achromatopsia

22.6428, -1.2082, 1.2302

Achromatomaly

23.1505, -4.9740, 4.2645

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 24.0269, -10.4188, 8.2446 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(50, 74, 46)` looks like.

```
.text, #text, p{  
    color:rgb(50, 74, 46)  
}
```

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(50, 74, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(50, 74, 46) }
```

Border

The CSS property to change the border of an element to HunterLab 24.0269, -10.4188, 8.2446 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(50, 74, 46) }
```


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

```
.border{ border-color:rgb(50, 74, 46) }
```

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

Here you see how a box with a 4 pixel `rgb(50, 74, 46)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(50, 74, 46); -webkit-box-  
shadow:4px 4px 4px 4px rgb(50, 74, 46);  
box-shadow:4px 4px 4px 4px rgb(50, 74, 46)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 24.0269, -10.4188, 8.2446 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(50, 74, 46) }
```

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

```
.background{ background-color: rgb(50, 74,  
46) }
```

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