

Converting Colors

HunterLab(24.9743, -9.5909,
2.0975)

Have a look what the booklet for
HunterLab(24.9743, -9.5909, 2.0975)
contains.

HunterLab(25.0659, -9.8298, 2.3376)	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(25.0659, -9.8298,
2.3376)**

Conversions

Conversions Part 1

Format	Color
Hex	2D4D44
RGB	45, 77, 68
RGB Percent	18%, 30%, 27%
CMY	0.8235, 0.6980, 0.7333
CMYK	0.42, 0.00, 0.12, 0.70
HSL	163°, 26%, 24%
HSV	163°, 42%, 30%
XYZ	4.7794, 6.2830, 6.4297
YIQ	66.4060, -16.1830, -9.5830

Conversions

Conversions Part 2

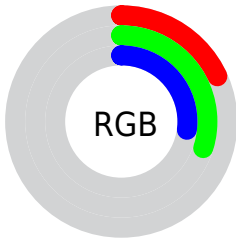
Format	Color
R_YB	45, 64, 77
Decimal	2968900
CIE Lab	30.12, -14.22, 1.63
CIE LCh	30, 14.316, 173.472
Yxy	6.2832, 0.2732, 0.3592
Android (android.graphics.Color)	4281158980 (0xFF2D4D44)
YUV	66.4060, 0.7858, -18.7731
Hunter-Lab	25.0659, -9.8298, 2.3376

Details

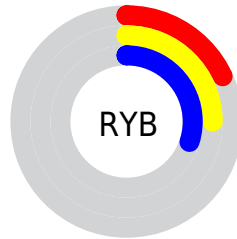
The HunterLab color **25.0659, -9.8298, 2.3376** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **19.2900, 9.4101, 1.3235**, and the grayscale version is **23.4850, -1.2531, 1.2760**.

A 20% lighter version of the original color is **42.9627, -12.7517, 3.4479**, and **10.7905, -6.7771, 1.4770** is the 20% darker color. If you saturate the color by 10%, you get **24.6947, -11.3659, 2.7040**, and if you desaturate by 10%, it is **25.4972, -8.0952, 2.0315**.

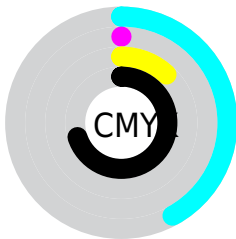
Distribution



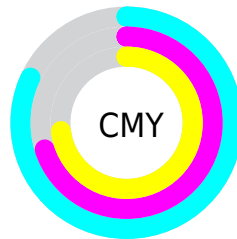
- Red (18%)
- Green (30%)
- Blue (27%)



- Red (18%)
- Yellow (25%)
- Blue (30%)



- Cyan (42%)
- Magenta (0%)
- Yellow (12%)
- Black (70%)



- Cyan (82%)
- Magenta (70%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 25.0659, -9.8298, 2.3376 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 25.0659, -9.8298, 2.3376 by changing the saturation by 10% instead.

■ 25.0659, -9.8298,
2.3376

■ 25.0659, -9.8298,
2.3376

127.1093,
-22.0956, 8.6143

■ 17.3726, -8.2910,
1.8022

■ 43.0303, -12.6925,
3.5152

■ 10.6826, -6.7099,
1.3026

■ 53.1530, -14.0661,
4.1541

■ 1.1338, -1.9841,
0.7936

■ 63.9646, -15.4194,
4.8248

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 75.4236, -16.7604,
5.5260

0.0000, NaN, NaN

■ 87.4954, -18.0950,
6.2566

0.0000, NaN, NaN

■ 100.1502,

0.0000, NaN, NaN

-19.4271, 7.0154

0.0000, NaN, NaN

113.3624,
-20.7598, 7.8016

■ 25.0659, -9.8298,
2.3376

■ 25.0659, -9.8298,
2.3376

■ 24.6947, -11.3659,
2.7040

■ 25.4972, -8.0952,
2.0315

■ 24.3812, -12.6952,
3.1257

■ 25.9873, -6.1723,
1.7876

■ 24.1242, -13.8149,
3.5975

■ 26.5362, -4.0750,
1.6077

■ 23.9212, -14.7271,
4.1128

■ 27.1430, -1.8186,
1.4923

■ 23.7635, -15.4599,
4.6584

■ 27.8063, 0.5808,
1.4409

■ 23.6371, -16.0529,
5.1092

■ 28.5244, 3.1068,
1.4519

■ 29.2953, 5.7434,
1.5233

■ 30.1169, 8.4754,
1.6523

■ 30.9869, 11.2889,
1.8361

Harmonies

Analogous

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



25.0664, -8.3033, 6.0294



25.0659, -9.8298, 2.3376



25.0664, -9.2225, -2.3727

Triad

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



25.0664, -9.8301, 2.3379



25.0664, 2.4270, -8.0500



25.0664, 4.3681, 7.4210

Complementary

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



25.0659, -9.8298, 2.3376



19.2900, 9.4101, 1.3235

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.



25.0664, 7.6584, 4.6022



25.0659, -9.8298, 2.3376



25.0664, 6.4803, -4.4156

Square

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



25.0664, -9.8301, 2.3379



25.0664, -2.3749, -8.9657



25.0664, 8.4589, 0.3503



25.0664, -0.2857, 8.5877

Rectangle

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



25.0659, -9.8298, 2.3376



25.0664, -7.6645, -5.4249



25.0664, 8.4589, 0.3503



25.0664, 5.6839, 6.6639

Sweetspot

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



25.0664, -9.8301, 2.3379



34.5059, -5.5563, 2.1116



25.0671, -10.7366, 9.3860



17.6684, -2.9275, 1.0882



66.9319, -3.5713, 3.6365



18.1947, -0.9708, 0.9886

Same Dimension

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



25.0664, -9.8301, 2.3379



32.1615, -14.8529, 3.5353



23.4149, -5.7848, -3.4525



13.7269, -1.7652, 0.8057



31.6036, -21.6196, 7.1688



76.8313, -53.2688, 18.9596

Inverse Universe

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



19.2900, 9.4101, 1.3235



23.0276, 15.8307, 2.0885



20.5364, 5.4297, 5.5817



13.0755, 0.3758, 0.6753



17.0645, 29.7343, 7.0664



41.3725, 71.7617, 19.6801

Previews

White Background



This preview shows how the HunterLab color 25.0659, -9.8298, 2.3376 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



This preview shows how the HunterLab color 25.0659, -9.8298, 2.3376 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

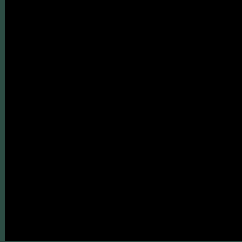
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

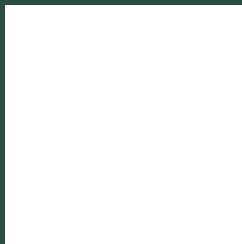
Any Text WCAG AAA × Fail

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

HunterLab 25.0659, -9.8298, 2.3376 Background



This preview shows how black text looks on a background with the HunterLab color 25.0659, -9.8298, 2.3376.



This preview shows how white text looks on a background with the HunterLab color 25.0659, -9.8298,

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

25.0659, -9.8298, 2.3376

Protanopia

24.8333, -1.3140, 3.6986

Deuteranopia

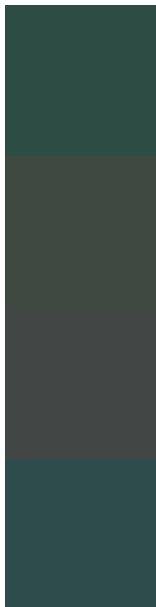
24.8921, 1.7200, 1.5670



Tritanopia

25.0092, -6.5076, -3.1585

Trichromacy



Original Color

25.0659, -9.8298, 2.3376

Protanomaly

24.9068, -4.9829, 3.3554

Deuteranomaly

24.6868, -2.8974, 1.6392

Tritanomaly

25.0899, -7.8995, -0.8357

Monochromacy



Original Color

25.0659, -9.8298, 2.3376

Achromatopsia

23.3410, -1.2454, 1.2682

Achromatomaly

23.8435, -4.6822, 1.4058

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 25.0659, -9.8298, 2.3376 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(45, 77, 68)` looks like.

```
.text, #text, p{  
    color:rgb(45, 77, 68)  
}
```

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(45, 77, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(45, 77, 68) }
```

Border

The CSS property to change the border of an element to HunterLab 25.0659, -9.8298, 2.3376 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(45, 77, 68) }
```


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

```
.border{ border-color:rgb(45, 77, 68) }
```

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

Here you see how a box with a 4 pixel `rgb(45, 77, 68)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(45, 77, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(45, 77, 68);  
box-shadow:4px 4px 4px 4px rgb(45, 77, 68)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 25.0659, -9.8298, 2.3376 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(45, 77, 68) }
```

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

```
.background{ background-color: rgb(45, 77,  
68) }
```

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