

Converting Colors

HunterLab(24.4944, 9.1319,
-13.3206)

Have a look what the booklet for
HunterLab(24.4944, 9.1319,
-13.3206) contains.

HunterLab(24.4250, 9.2653, -13.4416)	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(24.4250, 9.2653,
-13.4416)**

Conversions

Conversions Part 1

Format	Color
Hex	4E3E63
RGB	78, 62, 99
RGB Percent	31%, 24%, 39%
CMY	0.6941, 0.7569, 0.6118
CMYK	0.21, 0.37, 0.00, 0.61
HSL	266°, 23%, 32%
HSV	266°, 37%, 39%
XYZ	7.1166, 5.9658, 12.5808
YIQ	71.0020, -2.3410, 14.8990

Conversions

Conversions Part 2

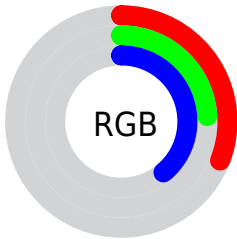
Format	Color
RYB	78, 62, 99
Decimal	5127779
CIELab	29.33, 15.37, -19.26
CIElCh	29, 24.643, 308.585
Yxy	5.9660, 0.2773, 0.2325
Android (android.graphics.Color)	4283317859 (0xFF4E3E63)
YUV	71.0020, 13.8030, 6.1372
Hunter-Lab	24.4250, 9.2653, -13.4416

Details

The HunterLab color $24.4250, 9.2653, -13.4416$ is a dark color, and the websafe version is hex 333366 . A complement of this color would be $33.3326, -10.6780, 12.2456$, and the grayscale version is $25.0562, -1.3369, 1.3614$.

A 20% lighter version of the original color is $42.3593, 10.0789, -14.1090$, and $10.1032, 7.9086, -12.7014$ is the 20% darker color. If you saturate the color by 10%, you get $21.8137, 12.4436, -18.4254$, and if you desaturate by 10%, it is $27.1850, 6.1727, -8.8861$.

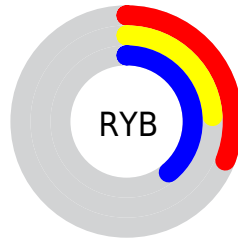
Distribution



 Red (31%)

 Green (24%)

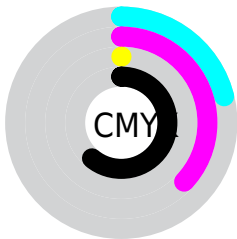
 Blue (39%)



 Red (31%)

 Yellow (24%)

 Blue (39%)

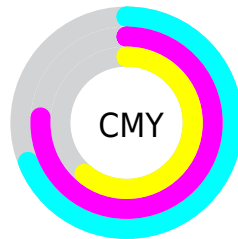


 Cyan (21%)

 Magenta (37%)

 Yellow (0%)

 Black (61%)



 Cyan (69%)

 Magenta (76%)

 Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 24.4250, 9.2653, -13.4416 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 24.4250, 9.2653, -13.4416 by changing the saturation by 10% instead.

■ 24.4250, 9.2653,
-13.4416

■ 24.4250, 9.2653,
-13.4416

■ 126.0051, 10.6177,
-14.9979

■ 16.8061, 8.6371,
-12.9780

■ 42.2619, 10.1362,
-14.2284

■ 10.2019, 7.8432,
-12.5711

■ 52.3282, 10.4189,
-14.5229

0.0000, INF, -NF

0.0000, NaN, -NF

■ 63.0870, 10.6174,
-14.7505

0.0000, NaN, NaN

■ 74.4963, 10.7412,
-14.9140

0.0000, NaN, NaN

■ 86.5208, 10.7975,
-15.0171

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 99.1305, 10.7926,

-15.0633

0.0000, NaN, NaN

112.2996, 10.7313,
-15.0559

■ 24.4250, 9.2653,
-13.4416

■ 24.4250, 9.2653,
-13.4416

■ 21.8137, 12.4436,
-18.4254

■ 27.1850, 6.1727,
-8.8861

■ 19.3806, 15.6888,
-23.8960

■ 30.0687, 3.1660,
-4.6926

■ 17.1665, 18.9359,
-29.8612

■ 33.0589, 0.2348,
-0.7961

■ 15.2226, 22.0380,
-36.2109

■ 36.1416, -2.6329,
2.8590

■ 13.6083, 24.7257,
-42.6128

■ 39.3061, -5.4492,
6.3187

■ 12.2441, 27.1404,
-49.1412

■ 42.5436, -8.2250,
9.6201

■ 11.8759, 27.9233,
-51.1268

■ 45.8474, -10.9695,
12.7933

■ 49.2115, -13.6905,
15.8622

■ 52.6314, -16.3943,
18.8463

Harmonies

Analogous

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



24.4255, 1.0807, -18.4972



24.4250, 9.2653, -13.4416



24.4255, 15.0752, -4.7679

Triad

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



24.4255, 9.2649, -13.4410



24.4255, 4.6885, 11.5388



24.4255, -14.9564, -1.0038

Complementary

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



24.4250, 9.2653, -13.4416



33.3326, -10.6780, 12.2456

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.



24.4255, -14.2559, 6.1729



24.4250, 9.2653, -13.4416



24.4255, -3.6017, 11.9583

Square

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



24.4255, 9.2649, -13.4410



24.4255, 12.2012, 8.9232



24.4255, -10.3353, 10.3518



24.4255, -12.3933, -9.9235

Rectangle

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



24.4250, 9.2653, -13.4416



24.4255, 16.4314, 0.9584



24.4255, -10.3353, 10.3518



24.4255, -15.0872, 1.6949

Sweetspot

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



24.4255, 9.2649, -13.4410



41.7398, 1.8099, -3.0128



28.6380, -4.1357, -6.8649



20.1868, 1.0415, -1.6797



72.2857, -3.8570, 3.9274



22.5557, -1.2035, 1.2255

Same Dimension

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



24.4255, 9.2649, -13.4410



28.9323, 15.8397, -23.3922



26.1316, 14.3128, -10.4305



16.0097, 0.3264, -0.6662



13.4736, 31.7893, -58.8540



30.3246, 72.6188, -140.7675

Inverse Universe

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



25.9281, 12.6597, -2.5156



31.4953, 21.1547, -4.2250



32.2464, -14.8207, 11.2306



16.1602, 0.7307, 0.3523



19.5561, 35.3648, -1.8924



45.0019, 81.0199, -1.5625

Previews

White Background



This preview shows how the HunterLab color 24.4250, 9.2653, -13.4416 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 24.4250, 9.2653, -13.4416 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

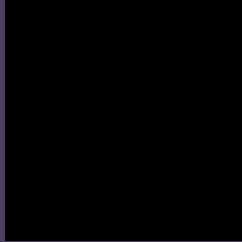
Any Text WCAG AA × Fail

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 24.4250, 9.2653, -13.4416 Background



This preview shows how black text looks on a background with the HunterLab color 24.4250, 9.2653, -13.4416.



This preview shows how white text looks on a background with the HunterLab color 24.4250, 9.2653, -13.4416.

-13.4416.

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

24.4250, 9.2653, -13.4416

Protanopia

24.5022, 2.6758, -16.5462

Deuteranopia

24.6331, 1.3583, -12.6101



Tritanopia

24.3142, 1.1857, -0.3675

Trichromacy



Original Color

24.4250, 9.2653, -13.4416

Protanomaly

24.4531, 4.8481, -15.3258

Deuteranomaly

24.3650, 4.2452, -13.0308

Tritanomaly

24.2603, 4.0077, -4.4895

Monochromacy



Original Color

24.4250, 9.2653, -13.4416

Achromatopsia

25.1018, -1.3394, 1.3638

Achromatomaly

24.8680, 2.2499, -3.1970

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 24.4250, 9.2653, -13.4416 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(78, 62, 99)` looks like.

```
.text, #text, p{  
    color:rgb(78, 62, 99)  
}
```

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(78, 62, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 62, 99) }
```

Border

The CSS property to change the border of an element to HunterLab 24.4250, 9.2653, -13.4416 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(78, 62, 99) }
```


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

```
.border{ border-color:rgb(78, 62, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(78, 62, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 62, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 62, 99);  
box-shadow:4px 4px 4px 4px rgb(78, 62, 99)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 24.4250, 9.2653, -13.4416 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 62, 99) }
```

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

```
.background{ background-color: rgb(78, 62,  
99) }
```

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