

Converting Colors

HunterLab(24.4530, -4.1379,
8.0221)

Have a look what the booklet for
HunterLab(24.4530, -4.1379, 8.0221)
contains.

HunterLab(24.5567, -4.2063, 8.0425)	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(24.5567, -4.2063,
8.0425)**

Conversions

Conversions Part 1

Format	Color
Hex	464731
RGB	70, 71, 49
RGB Percent	27%, 28%, 19%
CMY	0.7255, 0.7216, 0.8078
CMYK	0.01, 0.00, 0.31, 0.72
HSL	63°, 18%, 24%
HSV	63°, 31%, 28%
XYZ	5.3334, 6.0303, 3.7886
YIQ	68.1930, 6.4660, -7.0540

Conversions

Conversions Part 2

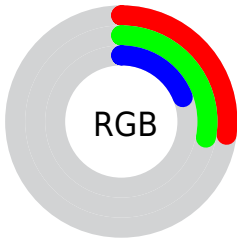
Format	Color
R_{YB}	49, 71, 50
Decimal	4605745
CIE Lab	29.49, -4.65, 13.14
CIE LCh	29, 13.935, 109.499
Yxy	6.0306, 0.3520, 0.3980
Android (android.graphics.Color)	4282795825 (0xFF464731)
YUV	68.1930, -9.4621, 1.5847
Hunter-Lab	24.5567, -4.2063, 8.0425

Details

The HunterLab color $24.5567, -4.2063, 8.0425$ is a dark color, and the websafe version is hex 333333 . A complement of this color would be $18.2477, 2.8048, -8.0769$, and the grayscale version is $24.1417, -1.2881, 1.3117$.

A 20% lighter version of the original color is $42.3578, -5.5621, 10.8490$, and $10.3339, -2.9150, 5.9872$ is the 20% darker color. If you saturate the color by 10%, you get $24.4199, -4.9290, 9.6654$, and if you desaturate by 10%, it is $24.7131, -3.3862, 6.1618$.

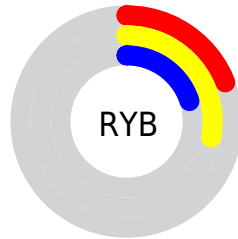
Distribution



Red (27%)

Green (28%)

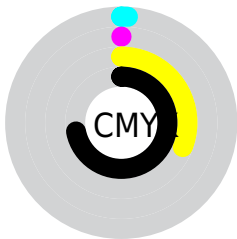
Blue (19%)



Red (19%)

Yellow (28%)

Blue (20%)

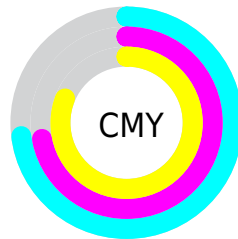


Cyan (1%)

Magenta (0%)

Yellow (31%)

Black (72%)



Cyan (73%)

Magenta (72%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 24.5567, -4.2063, 8.0425 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 24.5567, -4.2063, 8.0425 by changing the saturation by 10% instead.

■ 24.5567, -4.2063,
8.0425

■ 24.5567, -4.2063,
8.0425

126.2326,
-11.8189, 19.8601

■ 16.9224, -3.4441,
6.5547

■ 42.4200, -5.7652,
10.7980

■ 10.3004, -2.6771,
5.9124

■ 52.4980, -6.5694,
12.1184

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 63.2677, -7.3930,
13.4196

0.0000, NaN, NaN

■ 74.6872, -8.2368,
14.7102

0.0000, NaN, NaN

■ 86.7215, -9.1013,
15.9959

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 99.3406, -9.9865,

112.5185,
-10.8924, 18.5681

■ 24.5567, -4.2063,
8.0425

■ 24.5567, -4.2063,
8.0425

■ 24.4199, -4.9290,
9.6654

■ 24.7131, -3.3862,
6.1618

■ 24.3004, -5.5540,
11.0347

■ 24.8880, -2.4657,
4.0195

■ 24.1981, -6.0847,
12.1583

■ 25.0823, -1.4455,
1.6153

■ 24.1121, -6.5248,
13.0464

■ 25.2962, -0.3263,
-1.0495

■ 24.0414, -6.8792,
13.7125

■ 25.5299, 0.8906,
-3.9720

■ 23.9831, -7.1641,
14.1985

■ 25.7835, 2.2031,
-7.1477

■ 23.9320, -7.4132,
14.6170

■ 26.0572, 3.6088,
-10.5704

■ 26.3507, 5.1048,
-14.2330

■ 26.6641, 6.6878,
-18.1273

Harmonies

Analogous

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



24.5572, 0.3284, 8.2785



24.5567, -4.2063, 8.0425



24.5572, -7.7080, 6.2160

Triad

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



24.5572, -4.2070, 8.0428



24.5572, -6.8187, -5.9962



24.5572, 8.0475, -0.2538

Complementary

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



24.5567, -4.2063, 8.0425



18.2477, 2.8048, -8.0769

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.



24.5572, 5.8148, -4.8092



24.5567, -4.2063, 8.0425



24.5572, -2.9097, -8.5083

Square

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



24.5572, -4.2070, 8.0428



24.5572, -9.1369, -1.6546



24.5572, 1.7244, -8.0377



24.5572, 7.6357, 3.9934

Rectangle

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



24.5567, -4.2063, 8.0425



24.5572, -9.0907, 4.1159



24.5572, 1.7244, -8.0377



24.5572, 7.5752, -1.8108

Sweetspot

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



24.5572, -4.2070, 8.0428



32.4011, -2.9977, 4.7379



19.5447, 4.9070, 3.3143



16.3660, -1.5628, 2.5067



64.8100, -3.4581, 3.5212



16.4960, -0.8802, 0.8963

Same Dimension

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



24.5572, -4.2070, 8.0428



31.7960, -6.1818, 12.0612



23.8044, -6.9593, 7.3088



13.0976, -1.1720, 1.8223



33.8199, -10.5445, 20.6551



83.4289, -26.2786, 50.9484

Inverse Universe

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



18.2477, 2.8048, -8.0769



21.7258, 5.1471, -14.0295



19.0665, 5.4286, -6.6946



12.1547, -0.1427, -0.5377



9.6887, 25.9790, -66.5043



23.6854, 63.9651, -166.1122

Previews

White Background



This preview shows how the HunterLab color 24.5567, -4.2063, 8.0425 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 24.5567, -4.2063, 8.0425 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

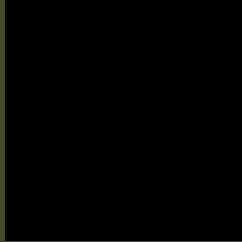
Any Text WCAG AA × Fail

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 24.5567, -4.2063, 8.0425 Background



This preview shows how black text looks on a background with the HunterLab color 24.5567, -4.2063, 8.0425.

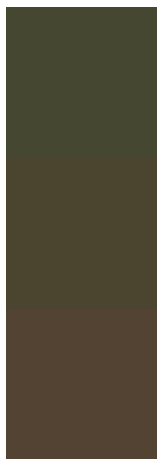


This preview shows how white text looks on a background with the HunterLab color 24.5567, -4.2063, 8.0425.

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

24.5567, -4.2063, 8.0425

Protanopia

24.4244, -2.0847, 8.2257

Deuteranopia

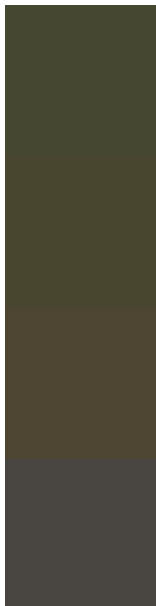
24.5732, 1.0352, 7.8792



Tritanopia

24.5596, 0.7551, -0.0703

Trichromacy



Original Color

24.5567, -4.2063, 8.0425

Protanomaly

24.5157, -3.0655, 8.2900

Deuteranomaly

24.4627, -0.5996, 7.7495

Tritanomaly

24.5033, -1.1683, 3.3418

Monochromacy



Original Color

24.5567, -4.2063, 8.0425

Achromatopsia

24.0428, -1.2829, 1.3063

Achromatomaly

24.2041, -2.3513, 4.0586

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 24.5567, -4.2063, 8.0425 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(70, 71, 49)` looks like.

```
.text, #text, p{  
    color:rgb(70, 71, 49)  
}
```

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(70, 71, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 71, 49) }
```

Border

The CSS property to change the border of an element to HunterLab 24.5567, -4.2063, 8.0425 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(70, 71, 49) }
```


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

```
.border{ border-color:rgb(70, 71, 49) }
```

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

Here you see how a box with a 4 pixel `rgb(70, 71, 49)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 71, 49); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 71, 49);  
box-shadow:4px 4px 4px 4px rgb(70, 71, 49)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 24.5567, -4.2063, 8.0425 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 71, 49) }
```

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

```
.background{ background-color: rgb(70, 71,  
49) }
```

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