

Converting Colors

HunterLab(31.3083, -35.9597,
0.9640)

Have a look what the booklet for
HunterLab(31.3083, -35.9597,
0.9640) contains.

HunterLab(34.4574, -22.0744, 4.5836)	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(34.4574,
-22.0744, 4.5836)**

Conversions

Conversions Part 1

Format	Color
Hex	006E59
RGB	0, 110, 89
RGB Percent	0%, 43%, 35%
CMY	1.0000, 0.5686, 0.6510
CMYK	1.00, 0.00, 0.19, 0.57
HSL	169°, 100%, 22%
HSV	169°, 100%, 43%
XYZ	7.3791, 11.8731, 11.3540
YIQ	74.7160, -58.8190, -29.8510

Conversions

Conversions Part 2

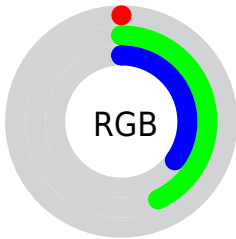
Format	Color
RYB	0, 61, 110
Decimal	28249
CIELab	41.01, -32.45, 4.16
CIElCh	41, 32.714, 172.689
Yxy	11.8736, 0.2411, 0.3879
Android (android.graphics.Color)	4278218329 (0xFF006E59)
YUV	74.7160, 7.0420, -65.5259
Hunter-Lab	34.4574, -22.0744, 4.5836

Details

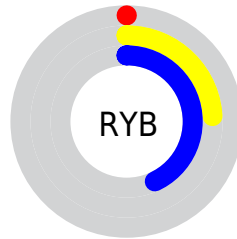
The HunterLab color **34.4574, -22.0744, 4.5836** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **18.3561, 31.7280, 9.5734**, and the grayscale version is **26.4160, -1.4095, 1.4352**.

A 20% lighter version of the original color is **54.0005, -27.0532, 5.9826**, and **18.7599, -12.6260, 3.8077** is the 20% darker color. If you saturate the color by 10%, you get **34.4579, -22.0751, 4.5844**, and if you desaturate by 10%, it is **34.6129, -21.3433, 3.9615**.

Distribution



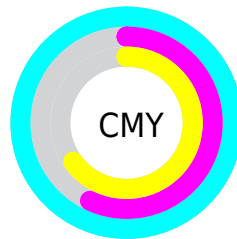
- Red (0%)
- Green (43%)
- Blue (35%)



- Red (0%)
- Yellow (24%)
- Blue (43%)



- Cyan (100%)
- Magenta (0%)
- Yellow (19%)
- Black (57%)



- Cyan (100%)
- Magenta (57%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 34.4574, -22.0744, 4.5836 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 34.4574, -22.0744, 4.5836 by changing the saturation by 10% instead.

■ 34.4574, -22.0744,
4.5836

■ 34.4574, -22.0744,
4.5836

142.6768,
-42.9344, 12.2306

■ 25.8024, -19.2193,
3.8415

■ 54.0968, -27.2583,
6.1276

■ 18.0248, -16.0838,
3.1131

■ 64.9681, -29.6745,
6.9320

■ 11.2385, -13.8407,
2.3885

■ 76.4835, -32.0090,
7.7590

■ 3.3513, -5.8647,
2.3459

■ 88.6088, -34.2792,
8.6086

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 101.3147,
-36.4979, 9.4809

0.0000, NaN, NaN

■ 114.5758,

0.0000, NaN, NaN

-38.6752, 10.3755

0.0000, NaN, NaN

128.3698,
-40.8186, 11.2921

34.4574, -22.0744,
4.5836

34.4574, -22.0744,
4.5836

34.4579, -22.0751,
4.5844

34.6129, -21.3433,
3.9615

34.8092, -20.4468,
3.3724

35.0820, -19.2493,
2.8614

35.4380, -17.7331,
2.4403

35.8820, -15.8908,
2.1185

■ 36.4174, -13.7247,
1.9024

■ 37.0457, -11.2447,
1.7964

■ 37.7676, -8.4668,
1.8022

■ 38.5825, -5.4121,
1.9193

Harmonies

Analogous

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



34.4581, -18.5129, 12.8047



34.4574, -22.0744, 4.5836



34.4581, -20.8435, -7.8378

Triad

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



34.4581, -22.0746, 4.5840



34.4581, 7.6354, -25.5505



34.4581, 13.4838, 15.2769

Complementary

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



34.4574, -22.0744, 4.5836



18.3561, 31.7280, 9.5734

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.



34.4581, 22.4537, 9.3897



34.4574, -22.0744, 4.5836



34.4581, 18.7642, -14.4846

Square

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



34.4581, -22.0746, 4.5840



34.4581, -4.7615, -28.2248



34.4581, 24.5089, -1.0721



34.4581, 1.1813, 17.4330

Rectangle

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



34.4574, -22.0744, 4.5836



34.4581, -17.3771, -16.8360



34.4581, 24.5089, -1.0721



34.4581, 17.0547, 13.7917

Sweetspot

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



34.4581, -22.0746, 4.5840



49.0210, -15.1817, 2.3864



33.6495, -27.5509, 20.2519



23.5170, -7.8353, 1.1665



75.5302, -4.0301, 4.1037



25.2436, -1.3469, 1.3715

Same Dimension

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



34.4581, -22.0746, 4.5840



45.6455, -29.3632, 6.3339



25.3656, -5.9054, -18.9556



19.5059, -2.5733, 0.9769



37.7615, -24.2268, 5.1001



84.2091, -54.5057, 12.4080

Inverse Universe

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



18.3561, 31.7280, 9.5734



24.2944, 41.9356, 13.1343



20.9838, 22.6092, 13.3253



18.4688, 0.6191, 1.1272



20.1091, 34.7427, 10.6275



44.7715, 77.1351, 25.3453

Previews

White Background



This preview shows how the HunterLab color 34.4574, -22.0744, 4.5836 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 × Fail

Black Background



This preview shows how the HunterLab color 34.4574, -22.0744, 4.5836 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 34.4574, -22.0744, 4.5836 Background



This preview shows how black text looks on a background with the HunterLab color 34.4574, -22.0744, 4.5836.



This preview shows how white text looks on a background with the HunterLab color 34.4574, -22.0744, 4.5836.

-22.0744, 4.5836.

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

34.4574, -22.0744, 4.5836

Protanopia

34.3507, -1.9902, 7.3537

Deuteranopia

34.2707, 2.2866, 3.2412



Tritanopia

34.4517, -14.3038, -6.9348

Trichromacy



Original Color

34.4574, -22.0744, 4.5836

Protanomaly

33.2972, -12.8462, 4.9894

Deuteranomaly

33.0535, -10.4421, 2.0224

Tritanomaly

34.2278, -17.2996, -2.8318

Monochromacy



Original Color

34.4574, -22.0744, 4.5836

Achromatopsia

26.5255, -1.4153, 1.4412

Achromatomaly

28.6130, -11.6650, 1.7006

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 34.4574, -22.0744, 4.5836 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(0, 110, 89)` looks like.

```
.text, #text, p{  
    color:rgb(0, 110, 89)  
}
```

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(0, 110, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 110, 89) }
```

Border

The CSS property to change the border of an element to HunterLab 34.4574, -22.0744, 4.5836 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(0, 110, 89) }
```


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

```
.border{ border-color:rgb(0, 110, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 110, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 110, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 110, 89);  
box-shadow:4px 4px 4px 4px rgb(0, 110, 89)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 34.4574, -22.0744, 4.5836 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 110, 89) }
```

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

```
.background{ background-color: rgb(0, 110,  
89) }
```

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