

Converting Colors

HunterLab(34.4002, -21.5697,
2.9379)

Have a look what the booklet for
HunterLab(34.4002, -21.5697,
2.9379) contains.

HunterLab(34.5575, -21.4686, 3.1507)	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(34.5575,
-21.4686, 3.1507)**

Conversions

Conversions Part 1

Format	Color
Hex	006E5D
RGB	0, 110, 93
RGB Percent	0%, 43%, 36%
CMY	1.0000, 0.5686, 0.6353
CMYK	1.00, 0.00, 0.15, 0.57
HSL	171°, 100%, 22%
HSV	171°, 100%, 43%
XYZ	7.5517, 11.9422, 12.2630
YIQ	75.1720, -60.1030, -28.6070

Conversions

Conversions Part 2

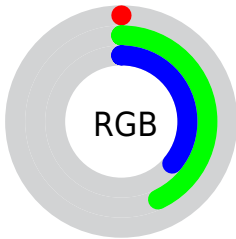
Format	Color
RYB	0, 60, 110
Decimal	28253
CIELab	41.12, -31.27, 1.91
CIELCh	41, 31.332, 176.513
Yxy	11.9427, 0.2378, 0.3761
Android (android.graphics.Color)	4278218333 (0xFF006E5D)
YUV	75.1720, 8.7892, -65.9258
Hunter-Lab	34.5575, -21.4686, 3.1507

Details

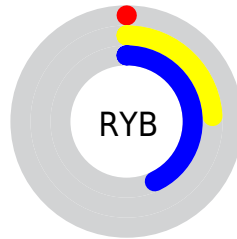
The HunterLab color **34.5575, -21.4686, 3.1507** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **18.3189, 31.5901, 10.1234**, and the grayscale version is **26.5733, -1.4179, 1.4438**.

A 20% lighter version of the original color is **54.1107, -26.4011, 4.4066**, and **18.8221, -12.2473, 2.9123** is the 20% darker color. If you saturate the color by 10%, you get **34.5580, -21.4693, 3.1515**, and if you desaturate by 10%, it is **34.7049, -20.7888, 2.6464**.

Distribution



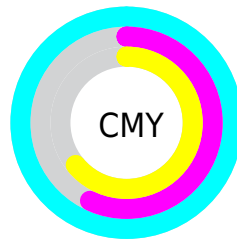
- Red (0%)
- Green (43%)
- Blue (36%)



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



- Cyan (100%)
- Magenta (0%)
- Yellow (15%)
- Black (57%)



- Cyan (100%)
- Magenta (57%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 34.5575, -21.4686, 3.1507 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 34.5575, -21.4686, 3.1507 by changing the saturation by 10% instead.

■ 34.5575, -21.4686,
3.1507

■ 34.5575, -21.4686,
3.1507

142.8374,
-41.7426, 9.8375

■ 25.8933, -18.7102,
2.5582

■ 54.2131, -26.4883,
4.4341

■ 18.1055, -15.6864,
1.9986

■ 65.0918, -28.8325,
5.1221

■ 11.3074, -13.3607,
1.4719

■ 76.6141, -31.1002,
5.8396

■ 3.5289, -6.1755,
2.4304

■ 88.7459, -33.3077,
6.5857

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 101.4581,
-35.4673, 7.3593

0.0000, NaN, NaN

■ 114.7252,

0.0000, NaN, NaN

-37.5884, 8.1597

0.0000, NaN, NaN

128.5249,
-39.6782, 8.9860

34.5575, -21.4686,
3.1507

34.5575, -21.4686,
3.1507

34.5580, -21.4693,
3.1515

34.7049, -20.7888,
2.6464

34.8925, -19.9467,
2.1822

35.1561, -18.8072,
1.8036

35.5024, -17.3519,
1.5217

35.9364, -15.5726,
1.3448

■ 36.4612, -13.4709,
1.2785

■ 37.0788, -11.0556,
1.3259

■ 37.7898, -8.3420,
1.4875

■ 38.5936, -5.3505,
1.7619

Harmonies

Analogous

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



34.5582, -18.6015, 11.6871



34.5575, -21.4686, 3.1507



34.5582, -19.6798, -9.0370

Triad

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



34.5582, -21.4688, 3.1511



34.5582, 8.7238, -23.1088



34.5582, 11.3905, 15.3436

Complementary

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



34.5575, -21.4686, 3.1507



18.3189, 31.5901, 10.1234

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.



34.5582, 20.5491, 10.0997



34.5575, -21.4686, 3.1507



34.5582, 18.8720, -12.0486

Square

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



34.5582, -21.4688, 3.1511



34.5582, -3.1965, -26.8328



34.5582, 23.4521, 0.5610



34.5582, -0.4740, 17.0990

Rectangle

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



34.5575, -21.4686, 3.1507



34.5582, -15.9392, -17.4059



34.5582, 23.4521, 0.5610



34.5582, 14.9452, 14.0375

Sweetspot

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



34.5582, -21.4688, 3.1511



49.0659, -14.9243, 1.7463



33.5920, -27.7957, 20.2122



23.5409, -7.6982, 0.8269



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.



34.5582, -21.4688, 3.1511



45.7807, -28.5438, 4.3961



24.3628, -4.3931, -20.9666



19.5109, -2.5454, 0.9052



37.8720, -23.5579, 3.5181



84.4661, -52.9480, 8.7244

Inverse Universe

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



18.3189, 31.5901, 10.1234



24.2487, 41.7667, 13.8083



21.4896, 21.2200, 13.6126



18.4639, 0.5926, 1.1975



20.0693, 34.5955, 11.2144



44.6982, 76.8634, 26.4301

Previews

White Background



This preview shows how the HunterLab color 34.5575, -21.4686, 3.1507 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 34.5575, -21.4686, 3.1507 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

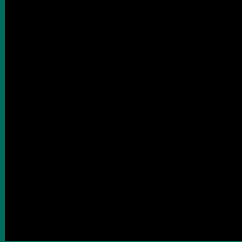
Any Text WCAG AA ✗ Fail

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 34.5575, -21.4686, 3.1507 Background



This preview shows how black text looks on a background with the HunterLab color 34.5575, -21.4686, 3.1507.



This preview shows how white text looks on a background with the HunterLab color 34.5575,

-21.4686, 3.1507.

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

34.5575, -21.4686, 3.1507

Protanopia

34.6237, -2.2255, 6.2197

Deuteranopia

34.5437, 2.0957, 1.9114



Tritanopia

34.7385, -14.6746, -7.0518

Trichromacy



Original Color

34.5575, -21.4686, 3.1507

Protanomaly

33.6363, -12.8597, 3.8420

Deuteranomaly

33.3949, -10.4244, 0.7478

Tritanomaly

34.5783, -17.3671, -3.3236

Monochromacy



Original Color

34.5575, -21.4686, 3.1507

Achromatopsia

26.5255, -1.4153, 1.4412

Achromatomaly

28.6653, -11.3598, 0.9537

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 34.5575, -21.4686, 3.1507 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, 93)` looks like.

```
.text, #text, p{  
    color:rgb(0, 110, 93)  
}
```

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, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 110, 93) }
```

Border

The CSS property to change the border of an element to HunterLab 34.5575, -21.4686, 3.1507 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, 93) }
```


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

```
.border{ border-color:rgb(0, 110, 93) }
```

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, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 110, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 110, 93);  
box-shadow:4px 4px 4px 4px rgb(0, 110, 93)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 34.5575, -21.4686, 3.1507 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, 93) }
```

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

```
.background{ background-color: rgb(0, 110,  
93) }
```

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