

Converting Colors

HunterLab(30.8835, -26.8305,
5.2138)

Have a look what the booklet for
HunterLab(30.8835, -26.8305,
5.2138) contains.

HunterLab(31.9942, -21.4562, 6.3278)	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(31.9942,
-21.4562, 6.3278)**

Conversions

Conversions Part 1

Format	Color
Hex	00674D
RGB	0, 103, 77
RGB Percent	0%, 40%, 30%
CMY	1.0000, 0.5961, 0.6980
CMYK	1.00, 0.00, 0.25, 0.60
HSL	165°, 100%, 20%
HSV	165°, 100%, 40%
XYZ	6.1898, 10.2363, 8.6707
YIQ	69.2390, -53.0420, -29.9220

Conversions

Conversions Part 2

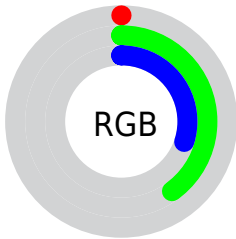
Format	Color
RYB	0, 59, 103
Decimal	26445
CIELab	38.26, -32.73, 7.51
CIELCh	38, 33.581, 167.073
Yxy	10.2367, 0.2466, 0.4079
Android (android.graphics.Color)	4278216525 (0xFF00674D)
YUV	69.2390, 3.8262, -60.7226
Hunter-Lab	31.9942, -21.4562, 6.3278

Details

The HunterLab color **31.9942, -21.4562, 6.3278** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **17.2000, 29.8874, 7.7517**, and the grayscale version is **24.4805, -1.3062, 1.3301**.

A 20% lighter version of the original color is **51.2724, -26.7629, 8.3001**, and **16.8588, -12.1312, 5.1157** is the 20% darker color. If you saturate the color by 10%, you get **31.9947, -21.4568, 6.3285**, and if you desaturate by 10%, it is **32.1568, -20.6782, 5.6018**.

Distribution



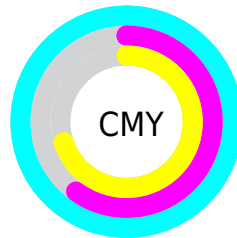
- Red (0%)
- Green (40%)
- Blue (30%)



- Red (0%)
- Yellow (23%)
- Blue (40%)



- Cyan (100%)
- Magenta (0%)
- Yellow (25%)
- Black (60%)



- Cyan (100%)
- Magenta (60%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 31.9942, -21.4562, 6.3278 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 31.9942, -21.4562, 6.3278 by changing the saturation by 10% instead.

■ 31.9942, -21.4562,
6.3278

■ 31.9942, -21.4562,
6.3278

138.6914,
-42.6416, 15.4191

■ 23.5715, -18.5113,
5.3488

■ 51.2247, -26.7613,
8.2739

■ 16.0535, -15.2486,
4.3459

■ 61.9121, -29.2211,
9.2549

■ 9.5665, -15.4248,
3.7779

■ 73.2540, -31.5922,
10.2465

0.0000, NaN, NaN

■ 85.2146, -33.8938,
11.2509

0.0000, NaN, NaN

■ 97.7635, -36.1400,
12.2695

0.0000, NaN, NaN

■ 110.8742,

0.0000, NaN, NaN

-38.3414, 13.3033

0.0000, NaN, NaN

124.5237,
-40.5064, 14.3531

31.9942, -21.4562,
6.3278

31.9942, -21.4562,
6.3278

31.9947, -21.4568,
6.3285

32.1568, -20.6782,
5.6018

32.3547, -19.7559,
4.8890

32.6242, -18.5493,
4.2342

32.9715, -17.0434,
3.6491

33.4007, -15.2335,
3.1435

■ 33.9146, -13.1231,
2.7250

■ 34.5146, -10.7227,
2.3990

■ 35.2009, -8.0487,
2.1691

■ 35.9731, -5.1213,
2.0365

Harmonies

Analogous

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



31.9948, -17.0917, 13.4878



31.9942, -21.4562, 6.3278



31.9948, -21.1315, -5.5005

Triad

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



31.9948, -21.4564, 6.3281



31.9948, 5.4488, -27.6481



31.9948, 15.8221, 14.1218

Complementary

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



31.9942, -21.4562, 6.3278



17.2000, 29.8874, 7.7517

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.



31.9948, 23.8485, 7.6074



31.9942, -21.4562, 6.3278



31.9948, 17.2734, -17.4103

Square

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



31.9948, -21.4564, 6.3281



31.9948, -6.7729, -28.4032



31.9948, 24.4161, -3.6439



31.9948, 3.6911, 16.7196

Rectangle

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



31.9942, -21.4562, 6.3278



31.9948, -18.3077, -14.7763



31.9948, 24.4161, -3.6439



31.9948, 19.1636, 12.4573

Sweetspot

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



31.9948, -21.4564, 6.3281



46.1087, -14.6479, 3.2437



31.5283, -25.0832, 18.9881



22.6474, -7.7418, 1.6640



74.4461, -3.9723, 4.0448



24.3420, -1.2988, 1.3225

Same Dimension

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



31.9948, -21.4564, 6.3281



42.7902, -28.8484, 8.7913



25.6259, -8.3309, -14.0453



17.8157, -2.3663, 1.0019



35.8788, -24.1156, 7.2133



81.8494, -55.6174, 17.7574

Inverse Universe

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



17.2000, 29.8874, 7.7517



22.9772, 39.8548, 10.9281



18.8109, 23.2677, 11.9980



16.9019, 0.5754, 0.9214



19.2781, 33.4737, 8.8965



43.8863, 75.9282, 22.3778

Previews

White Background



This preview shows how the HunterLab color 31.9942, -21.4562, 6.3278 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 31.9942, -21.4562, 6.3278 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 31.9942, -21.4562, 6.3278 Background



This preview shows how black text looks on a background with the HunterLab color 31.9942, -21.4562, 6.3278.



This preview shows how white text looks on a background with the HunterLab color 31.9942,

-21.4562, 6.3278.

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

31.9942, -21.4562, 6.3278

Protanopia

32.0220, -2.4283, 8.6518

Deuteranopia

31.9926, 1.8877, 5.3200



Tritanopia

32.1069, -13.1402, -6.1325

Trichromacy



Original Color

31.9942, -21.4562, 6.3278

Protanomaly

31.0766, -12.9175, 6.8972

Deuteranomaly

30.8735, -10.4216, 4.2668

Tritanomaly

31.8093, -16.5101, -1.3151

Monochromacy



Original Color

31.9942, -21.4562, 6.3278

Achromatopsia

24.3949, -1.3017, 1.3254

Achromatomaly

26.2454, -10.8976, 2.1314

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 31.9942, -21.4562, 6.3278 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, 103, 77)` looks like.

```
.text, #text, p{  
    color:rgb(0, 103, 77)  
}
```

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, 103, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 103, 77) }
```

Border

The CSS property to change the border of an element to HunterLab 31.9942, -21.4562, 6.3278 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, 103, 77) }
```


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

```
.border{ border-color:rgb(0, 103, 77) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 103, 77)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 103, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 103, 77);  
box-shadow:4px 4px 4px 4px rgb(0, 103, 77)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 31.9942, -21.4562, 6.3278 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 103, 77) }
```

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

```
.background{ background-color: rgb(0, 103,  
77) }
```

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