

Converting Colors

HunterLab(31.7500, -20.7289,
5.0641)

Have a look what the booklet for
HunterLab(31.7500, -20.7289,
5.0641) contains.

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Color

**HunterLab(31.7521,
-20.7154, 5.0312)**

Conversions

Conversions Part 1

Format	Color
Hex	006650
RGB	0, 102, 80
RGB Percent	0%, 40%, 31%
CMY	1.0000, 0.6000, 0.6863
CMYK	1.00, 0.00, 0.22, 0.60
HSL	167°, 100%, 20%
HSV	167°, 100%, 40%
XYZ	6.1994, 10.0820, 9.2087
YIQ	68.9940, -53.7300, -28.4660

Conversions

Conversions Part 2

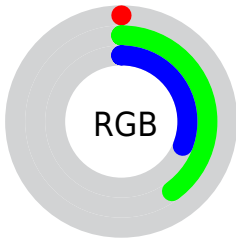
Format	Color
RYB	0, 57, 102
Decimal	26192
CIELab	37.99, -31.44, 5.30
CIELCh	38, 31.887, 170.441
Yxy	10.0823, 0.2432, 0.3955
Android (android.graphics.Color)	4278216272 (0xFF006650)
YUV	68.9940, 5.4260, -60.5077
Hunter-Lab	31.7521, -20.7154, 5.0312

Details

The HunterLab color **31.7521, -20.7154, 5.0312** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **16.9793, 29.4170, 8.3259**, and the grayscale version is **24.3889, -1.3013, 1.3251**.

A 20% lighter version of the original color is **51.0253, -25.9176, 6.8549**, and **16.6304, -11.5263, 4.0953** is the 20% darker color. If you saturate the color by 10%, you get **31.7526, -20.7160, 5.0319**, and if you desaturate by 10%, it is **31.9080, -19.9804, 4.4041**.

Distribution



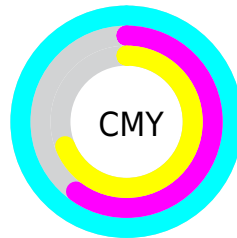
- Red (0%)
- Green (40%)
- Blue (31%)



- Red (0%)
- Yellow (22%)
- Blue (40%)



- Cyan (100%)
- Magenta (0%)
- Yellow (22%)
- Black (60%)



- Cyan (100%)
- Magenta (60%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 31.7521, -20.7154, 5.0312 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 31.7521, -20.7154, 5.0312 by changing the saturation by 10% instead.

■ 31.7521, -20.7154,
5.0312

■ 31.7521, -20.7154,
5.0312

138.2963,
-41.2727, 13.1200

■ 23.3529, -17.8707,
4.2136

■ 50.9414, -25.8473,
6.7006

■ 15.8612, -14.7213,
3.3959

■ 61.6103, -28.2304,
7.5594

■ 9.4049, -15.0713,
2.8459

■ 72.9347, -30.5299,
8.4367

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 84.8788, -32.7639,
9.3334

0.0000, NaN, NaN

■ 97.4119, -34.9461,
10.2499

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 110.5076,

-37.0866, 11.1865

0.0000, NaN, NaN

124.1426,
-39.1934, 12.1433

31.7521, -20.7154,
5.0312

31.7521, -20.7154,
5.0312

31.7526, -20.7160,
5.0319

31.9080, -19.9804,
4.4041

32.0976, -19.1089,
3.7978

32.3573, -17.9605,
3.2579

32.6933, -16.5201,
2.7953

33.1096, -14.7824,
2.4186

■ 33.6091, -12.7501,
2.1346

■ 34.1931, -10.4329,
1.9474

■ 34.8622, -7.8460,
1.8594

■ 35.6157, -5.0088,
1.8709

Harmonies

Analogous

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



31.7527, -17.0288, 12.4306



31.7521, -20.7154, 5.0312



31.7527, -19.8962, -6.5439

Triad

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



31.7527, -20.7156, 5.0315



31.7527, 6.4139, -25.0251



31.7527, 13.6742, 14.0578

Complementary

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



31.7521, -20.7154, 5.0312



16.9793, 29.4170, 8.3259

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.



31.7527, 21.8329, 8.2403



31.7521, -20.7154, 5.0312



31.7527, 17.2441, -14.8279

Square

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



31.7527, -20.7156, 5.0315



31.7527, -5.2905, -26.8524



31.7527, 23.2251, -1.9728



31.7527, 2.0660, 16.2746

Rectangle

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



31.7521, -20.7154, 5.0312



31.7527, -16.8534, -15.1974



31.7527, 23.2251, -1.9728



31.7527, 16.9768, 12.5815

Sweetspot

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



31.7527, -20.7156, 5.0315



45.2098, -14.0964, 2.5952



31.1045, -25.2527, 18.7240



21.8438, -7.2987, 1.2909



73.3645, -3.9145, 3.9860



23.4461, -1.2510, 1.2739

Same Dimension

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



31.7527, -20.7156, 5.0315



42.0300, -27.5515, 6.9421



23.9542, -6.2427, -16.4635



17.8202, -2.3412, 0.9374



35.9759, -23.5244, 5.8157



82.0797, -54.2141, 14.4403

Inverse Universe

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



16.9793, 29.4170, 8.3259



22.4517, 38.8356, 11.5126



19.2327, 21.2567, 12.2227



16.8974, 0.5512, 0.9854



19.2277, 33.2874, 9.6379



43.7855, 75.5555, 23.8633

Previews

White Background



This preview shows how the HunterLab color 31.7521, -20.7154, 5.0312 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 31.7521, -20.7154, 5.0312 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 31.7521, -20.7154, 5.0312 Background



This preview shows how black text looks on a background with the HunterLab color 31.7521, -20.7154, 5.0312.



This preview shows how white text looks on a background with the HunterLab color 31.7521, -20.7154, 5.0312.

-20.7154, 5.0312.

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

31.7521, -20.7154, 5.0312

Protanopia

31.7365, -1.9508, 7.4185

Deuteranopia

31.6061, 1.9828, 4.1585



Tritanopia

31.7290, -13.1396, -6.1589

Trichromacy



Original Color

31.7521, -20.7154, 5.0312

Protanomaly

30.8024, -12.3500, 5.6030

Deuteranomaly

30.5835, -9.9546, 3.1957

Tritanomaly

31.5206, -16.0412, -2.1306

Monochromacy



Original Color

31.7521, -20.7154, 5.0312

Achromatopsia

24.3949, -1.3017, 1.3254

Achromatomaly

26.2705, -10.7514, 1.7735

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 31.7521, -20.7154, 5.0312 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, 102, 80)` looks like.

```
.text, #text, p{  
    color:rgb(0, 102, 80)  
}
```

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, 102, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 102, 80) }
```

Border

The CSS property to change the border of an element to HunterLab 31.7521, -20.7154, 5.0312 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, 102, 80) }
```


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

```
.border{ border-color:rgb(0, 102, 80) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 102, 80)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 102, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 102, 80);  
box-shadow:4px 4px 4px 4px rgb(0, 102, 80)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 31.7521, -20.7154, 5.0312 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 102, 80) }
```

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

```
.background{ background-color: rgb(0, 102,  
80) }
```

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](#).

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