

Converting Colors

HunterLab(37.4399, -21.9088,
2.3615)

Have a look what the booklet for
HunterLab(37.4399, -21.9088,
2.3615) contains.

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Color

**HunterLab(37.5030,
-21.9556, 2.4382)**

Conversions

Conversions Part 1

Format	Color
Hex	127667
RGB	18, 118, 103
RGB Percent	7%, 46%, 40%
CMY	0.9294, 0.5372, 0.5961
CMYK	0.85, 0.00, 0.13, 0.54
HSL	171°, 74%, 27%
HSV	171°, 85%, 46%
XYZ	9.1761, 14.0648, 15.0631
YIQ	86.3900, -54.7850, -25.8650

Conversions

Conversions Part 2

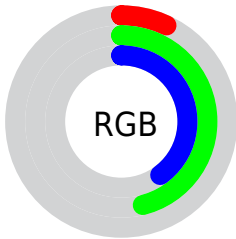
Format	Color
RYB	18, 72, 118
Decimal	1209959
CIELab	44.33, -30.65, 0.57
CIELCh	44, 30.656, 178.931
Yxy	14.0653, 0.2396, 0.3672
Android (android.graphics.Color)	4279400039 (0xFF127667)
YUV	86.3900, 8.1887, -59.9780
Hunter-Lab	37.5030, -21.9556, 2.4382

Details

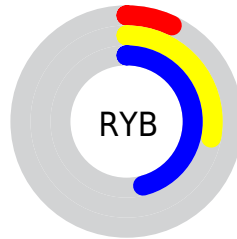
The HunterLab color **37.5030, -21.9556, 2.4382** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **20.9628, 31.1168, 9.3907**, and the grayscale version is **30.6349, -1.6346, 1.6645**.

A 20% lighter version of the original color is **57.7043, -26.8568, 3.6750**, and **21.3114, -13.4916, 2.4870** is the 20% darker color. If you saturate the color by 10%, you get **37.3383, -22.7150, 2.9655**, and if you desaturate by 10%, it is **37.7435, -20.9026, 1.9941**.

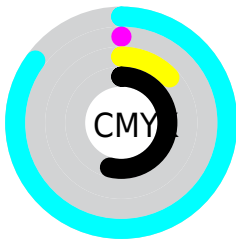
Distribution



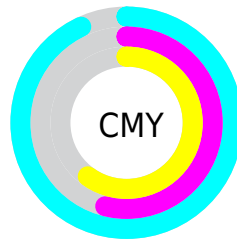
- Red (7%)
- Green (46%)
- Blue (40%)



- Red (7%)
- Yellow (28%)
- Blue (46%)



- Cyan (85%)
- Magenta (0%)
- Yellow (13%)
- Black (54%)



- Cyan (93%)
- Magenta (54%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 37.5030, -21.9556, 2.4382 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 37.5030, -21.9556, 2.4382 by changing the saturation by 10% instead.

■ 37.5030, -21.9556,
2.4382

■ 37.5030, -21.9556,
2.4382

147.5251,
-41.7448, 8.6593

■ 28.5764, -19.3106,
1.9179

■ 57.6236, -26.8111,
3.5956

■ 20.4973, -16.4381,
1.4396

■ 68.7124, -29.0922,
4.2271

■ 13.3673, -13.2546,
1.0077

■ 80.4333, -31.3048,
4.8916

■ 6.9207, -12.1112,
0.7193

■ 92.7539, -33.4636,
5.5873

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 105.6464,
-35.5795, 6.3131

0.0000, NaN, NaN

■ 119.0863,

0.0000, NaN, NaN

-37.6608, 7.0677

0.0000, NaN, NaN

133.0522,
-39.7141, 7.8501

■ 37.5030, -21.9556,
2.4382

■ 37.5030, -21.9556,
2.4382

■ 37.3383, -22.7150,
2.9655

■ 37.7435, -20.9026,
1.9941

■ 37.2602, -23.0792,
3.2494

■ 38.0700, -19.5134,
1.6502

■ 38.4898, -17.7731,
1.4176

■ 39.0075, -15.6781,
1.3039

■ 39.6258, -13.2339,
1.3137

■ 40.3460, -10.4542,
1.4488

■ 41.1684, -7.3585,
1.7087

■ 42.0917, -3.9710,
2.0904

■ 43.1141, -0.3188,
2.5893

Harmonies

Analogous

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



37.5037, -19.3983, 11.4942



37.5030, -21.9556, 2.4382



37.5037, -19.7368, -9.8617

Triad

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



37.5037, -21.9558, 2.4386



37.5037, 9.5164, -21.9438



37.5037, 10.3318, 16.1387

Complementary

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



37.5030, -21.9556, 2.4382



20.9628, 31.1168, 9.3907

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.



37.5037, 19.7952, 10.9913



37.5030, -21.9556, 2.4382



37.5037, 19.2853, -10.7723

Square

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



37.5037, -21.9558, 2.4386



37.5037, -2.4220, -26.2901



37.5037, 23.2541, 1.6398



37.5037, -1.5823, 17.7577

Rectangle

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



37.5030, -21.9556, 2.4382



37.5037, -15.6724, -17.9506



37.5037, 23.2541, 1.6398



37.5037, 13.9564, 14.8606

Sweetspot

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



37.5037, -21.9558, 2.4386



53.4090, -14.2048, 1.8987



36.5413, -28.4342, 21.0898



25.4789, -7.3115, 0.8808



77.7063, -4.1462, 4.2219



27.0627, -1.4440, 1.4704

Same Dimension

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



37.5037, -21.9558, 2.4386



49.3917, -30.6949, 4.5261



28.0748, -6.2630, -19.0077



20.3624, -2.6663, 0.9340



38.7527, -24.0159, 3.4060



85.4888, -53.3695, 8.3559

Inverse Universe

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



20.9628, 31.1168, 9.3907



26.1419, 45.0047, 15.0636



25.0853, 18.5723, 14.4293



19.2588, 0.6304, 1.2604



20.5224, 35.3639, 11.5664



45.2130, 77.7310, 26.8725

Previews

White Background



This preview shows how the HunterLab color 37.5030, -21.9556, 2.4382 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 37.5030, -21.9556, 2.4382 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

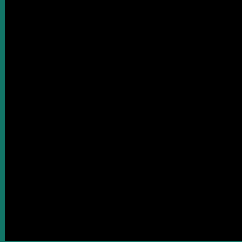
Any Text WCAG AA × Fail

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 37.5030, -21.9556, 2.4382 Background



This preview shows how black text looks on a background with the HunterLab color 37.5030, -21.9556, 2.4382.



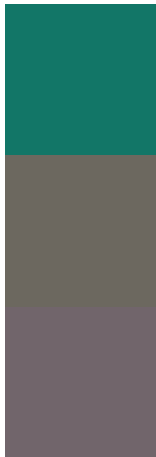
This preview shows how white text looks on a background with the HunterLab color 37.5030,

-21.9556, 2.4382.

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

37.5030, -21.9556, 2.4382

Protanopia

37.3028, -2.1148, 5.7409

Deuteranopia

37.2553, 2.4441, 0.8624



Tritanopia

37.5390, -15.7824, -7.2626

Trichromacy



Original Color

37.5030, -21.9556, 2.4382

Protanomaly

36.4897, -12.1268, 3.4970

Deuteranomaly

36.2983, -9.4233, -0.0707

Tritanomaly

37.4339, -18.2807, -3.4236

Monochromacy



Original Color

37.5030, -21.9556, 2.4382

Achromatopsia

30.5056, -1.6277, 1.6574

Achromatomaly

32.4040, -11.4048, 1.2413

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 37.5030, -21.9556, 2.4382 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(18, 118, 103)` looks like.

```
.text, #text, p{  
    color:rgb(18, 118, 103)  
}
```

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(18, 118, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(18, 118, 103) }
```

Border

The CSS property to change the border of an element to HunterLab 37.5030, -21.9556, 2.4382 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(18, 118, 103) }
```


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

```
.border{ border-color:rgb(18, 118, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(18, 118, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(18, 118, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(18, 118, 103);  
box-shadow:4px 4px 4px 4px rgb(18, 118,  
103) }
```

Background

The CSS property to change the background color of an element to HunterLab 37.5030, -21.9556, 2.4382 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(18, 118, 103) }
```

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

```
.background{ background-color: rgb(18, 118,  
103) }
```

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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