

Converting Colors

HunterLab(37.4617, -21.6710,
4.1508)

Have a look what the booklet for
HunterLab(37.4617, -21.6710,
4.1508) contains.

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Color

**HunterLab(37.5949,
-21.7962, 4.1678)**

Conversions

Conversions Part 1

Format	Color
Hex	1E7663
RGB	30, 118, 99
RGB Percent	12%, 46%, 39%
CMY	0.8823, 0.5372, 0.6118
CMYK	0.75, 0.00, 0.16, 0.54
HSL	167°, 59%, 29%
HSV	167°, 75%, 46%
XYZ	9.2660, 14.1338, 14.0441
YIQ	89.5220, -46.3490, -24.5650

Conversions

Conversions Part 2

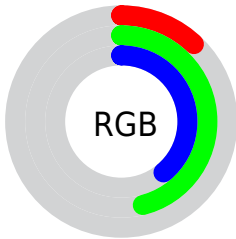
Format	Color
R_{YB}	30, 79, 118
Decimal	1996387
CIE _{Lab}	44.42, -30.33, 3.13
CIE _{LCh}	44, 30.490, 174.110
Yxy	14.1343, 0.2475, 0.3775
Android (android.graphics.Color)	4280186467 (0xFF1E7663)
YUV	89.5220, 4.6727, -52.2008
Hunter-Lab	37.5949, -21.7962, 4.1678

Details

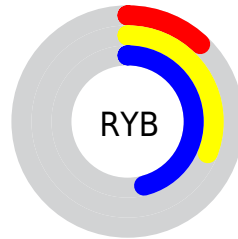
The HunterLab color **37.5949, -21.7962, 4.1678** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **22.3657, 28.6212, 6.5782**, and the grayscale version is **31.7956, -1.6965, 1.7275**.

A 20% lighter version of the original color is **57.7949, -26.7315, 5.5444**, and **21.2445, -13.8977, 3.4475** is the 20% darker color. If you saturate the color by 10%, you get **37.3374, -22.9631, 4.8582**, and if you desaturate by 10%, it is **37.9419, -20.2865, 3.5641**.

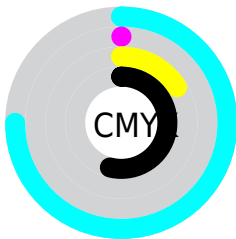
Distribution



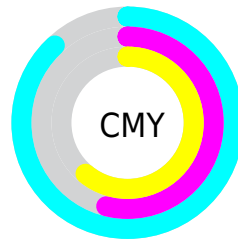
- Red (12%)
- Green (46%)
- Blue (39%)



- Red (12%)
- Yellow (31%)
- Blue (46%)



- Cyan (75%)
- Magenta (0%)
- Yellow (16%)
- Black (54%)



- Cyan (88%)
- Magenta (54%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 37.5949, -21.7962, 4.1678 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 37.5949, -21.7962, 4.1678 by changing the saturation by 10% instead.

37.5949, -21.7962,
4.1678

37.5949, -21.7962,
4.1678

147.6702,
-41.4255, 11.4470

28.6603, -19.1778,
3.4867

57.7297, -26.6068,
5.6088

20.5725, -16.3360,
2.8294

68.8249, -28.8682,
6.3681

13.4325, -13.1756,
2.1922

80.5518, -31.0627,
7.1532

6.9991, -12.2484,
2.2341

92.8782, -33.2044,
7.9635

0.0000, NaN, NaN

0.0000, NaN, NaN

105.7761,
-35.3041, 8.7986

0.0000, NaN, NaN

119.2213,

0.0000, NaN, NaN

-37.3701, 9.6578

0.0000, NaN, NaN

133.1924,
-39.4088, 10.5408

■ 37.5949, -21.7962,
4.1678

■ 37.5949, -21.7962,
4.1678

■ 37.3374, -22.9631,
4.8582

■ 37.9419, -20.2865,
3.5641

■ 37.1553, -23.8262,
5.6151

■ 38.3825, -18.4200,
3.0581

■ 37.0665, -24.2540,
6.0276

■ 38.9219, -16.1950,
2.6597

■ 39.5626, -13.6191,
2.3758

■ 40.3058, -10.7075,
2.2105

■ 41.1514, -7.4815,
2.1653

■ 42.0981, -3.9669,
2.2395

■ 43.1439, -0.1918,
2.4305

■ 44.2858, 3.8148,
2.7342

Harmonies

Analogous

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



37.5956, -18.4891, 12.5179



37.5949, -21.7962, 4.1678



37.5956, -20.3476, -7.7401

Triad

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



37.5956, -21.7964, 4.1682



37.5956, 7.5869, -23.0622



37.5956, 12.0459, 15.5402

Complementary

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



37.5949, -21.7962, 4.1678



22.3657, 28.6212, 6.5782

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.



37.5956, 20.7011, 9.7518



37.5949, -21.7962, 4.1678



37.5956, 17.9152, -12.7116

Square

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



37.5956, -21.7964, 4.1682



37.5956, -4.2793, -25.9197



37.5956, 22.9698, -0.2067



37.5956, 0.3185, 17.6712

Rectangle

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



37.5949, -21.7962, 4.1678



37.5956, -16.7779, -16.0120



37.5956, 22.9698, -0.2067



37.5956, 15.4656, 14.0622

Sweetspot

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



37.5956, -21.7964, 4.1682



53.6614, -13.3644, 2.9061



37.0214, -26.2966, 20.3845



25.6263, -6.8099, 1.4055



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.



37.5956, -21.7964, 4.1682



49.3408, -31.2415, 7.1029



30.7002, -8.8034, -14.3389



20.3529, -2.7195, 1.0707



38.5506, -25.2414, 6.3039



85.0246, -56.1858, 15.0155

Inverse Universe

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



22.3657, 28.6212, 6.5782



27.1423, 43.4693, 11.7871



25.8299, 17.4704, 13.4020



19.2682, 0.6811, 1.1262



20.5994, 35.6485, 10.4315



45.3558, 78.2596, 24.7623

Previews

White Background



This preview shows how the HunterLab color 37.5949, -21.7962, 4.1678 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 37.5949, -21.7962, 4.1678 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

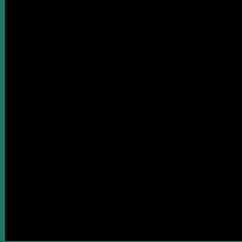
Any Text WCAG AA × Fail

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 37.5949, -21.7962, 4.1678 Background



This preview shows how black text looks on a background with the HunterLab color 37.5949, -21.7962, 4.1678.



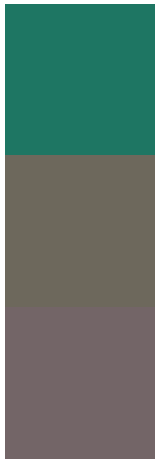
This preview shows how white text looks on a background with the HunterLab color 37.5949, -21.7962, 4.1678.

-21.7962, 4.1678.

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

37.5949, -21.7962, 4.1678

Protanopia

37.3156, -2.2136, 6.8672

Deuteranopia

37.3249, 2.4571, 2.6591



Tritanopia

37.7521, -14.9657, -6.9471

Trichromacy



Original Color

37.5949, -21.7962, 4.1678

Protanomaly

36.7001, -11.4902, 4.9228

Deuteranomaly

36.5507, -8.7194, 1.9789

Tritanomaly

37.6297, -17.5782, -2.6765

Monochromacy



Original Color

37.5949, -21.7962, 4.1678

Achromatopsia

31.9753, -1.7061, 1.7373

Achromatomaly

33.3670, -10.6908, 1.9720

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 37.5949, -21.7962, 4.1678 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(30, 118, 99)` looks like.

```
.text, #text, p{  
    color:rgb(30, 118, 99)  
}
```

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(30, 118, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(30, 118, 99) }
```

Border

The CSS property to change the border of an element to HunterLab 37.5949, -21.7962, 4.1678 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(30, 118, 99) }
```


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

```
.border{ border-color:rgb(30, 118, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(30, 118, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(30, 118, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(30, 118, 99);  
box-shadow:4px 4px 4px 4px rgb(30, 118,  
99) }
```

Background

The CSS property to change the background color of an element to HunterLab 37.5949, -21.7962, 4.1678 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(30, 118, 99) }
```

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

```
.background{ background-color: rgb(30, 118,  
99) }
```

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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