

Converting Colors

HunterLab(37.5002, -19.6273,
1.1879)

Have a look what the booklet for
HunterLab(37.5002, -19.6273,
1.1879) contains.

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Color

**HunterLab(37.6009,
-19.7991, 1.3218)**

Conversions

Conversions Part 1

Format	Color
Hex	24756A
RGB	36, 117, 106
RGB Percent	14%, 46%, 42%
CMY	0.8588, 0.5412, 0.5843
CMYK	0.69, 0.00, 0.09, 0.54
HSL	172°, 53%, 30%
HSV	172°, 69%, 46%
XYZ	9.6904, 14.1383, 15.8539
YIQ	91.5270, -44.7450, -20.5930

Conversions

Conversions Part 2

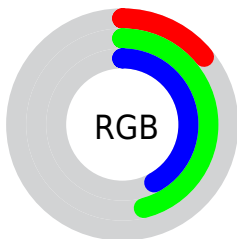
Format	Color
RYB	36, 79, 117
Decimal	2389354
CIELab	44.43, -26.90, -1.03
CIELCh	44, 26.915, 182.186
Yxy	14.1388, 0.2442, 0.3563
Android (android.graphics.Color)	4280579434 (0xFF24756A)
YUV	91.5270, 7.1352, -48.6972
Hunter-Lab	37.6009, -19.7991, 1.3218

Details

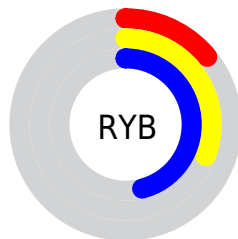
The HunterLab color **37.6009, -19.7991, 1.3218** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **22.9114, 25.9762, 7.6118**, and the grayscale version is **32.5266, -1.7355, 1.7672**.

A 20% lighter version of the original color is **57.8886, -24.2953, 2.5749**, and **21.0950, -12.7452, 1.1462** is the 20% darker color. If you saturate the color by 10%, you get **37.3214, -20.9992, 1.6491**, and if you desaturate by 10%, it is **37.9714, -18.2583, 1.1036**.

Distribution



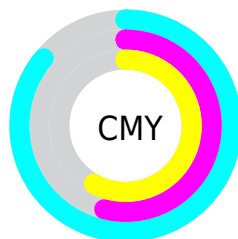
- Red (14%)
- Green (46%)
- Blue (42%)



- Red (14%)
- Yellow (31%)
- Blue (46%)



- Cyan (69%)
- Magenta (0%)
- Yellow (9%)
- Black (54%)



- Cyan (86%)
- Magenta (54%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 37.6009, -19.7991, 1.3218 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 37.6009, -19.7991, 1.3218 by changing the saturation by 10% instead.

37.6009, -19.7991,
1.3218

37.6009, -19.7991,
1.3218

147.6796,
-37.7905, 6.9022

28.6658, -17.4419,
0.8972

57.7366, -24.1587,
2.3090

20.5774, -14.8965,
0.5246

68.8322, -26.2204,
2.8633

13.4368, -12.0619,
0.2123

80.5596, -28.2279,
3.4547

7.0041, -12.2572,
-0.2262

92.8863, -30.1935,
4.0810

0.0000, NaN, NaN

0.0000, NaN, NaN

105.7846,
-32.1263, 4.7404

0.0000, NaN, NaN

119.2301,

0.0000, NaN, NaN

-34.0332, 5.4312

0.0000, NaN, NaN

133.2015,
-35.9198, 6.1523

■ 37.6009, -19.7991,
1.3218

■ 37.6009, -19.7991,
1.3218

■ 37.3214, -20.9992,
1.6491

■ 37.9714, -18.2583,
1.1036

■ 37.1232, -21.8783,
2.0725

■ 38.4360, -16.3675,
1.0016

■ 36.9771, -22.5517,
2.5527

■ 38.9990, -14.1281,
1.0216

■ 36.9659, -22.6032,
2.5896

■ 39.6624, -11.5499,
1.1661

■ 40.4267, -8.6495,
1.4350

■ 41.2916, -5.4487,
1.8261

■ 42.2555, -1.9729,
2.3350

■ 43.3161, 1.7505,
2.9560

■ 44.4703, 5.6935,
3.6824

Harmonies

Analogous

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



37.6016, -17.9493, 9.8091



37.6009, -19.7991, 1.3218



37.6016, -17.3240, -9.4157

Triad

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



37.6016, -19.7993, 1.3223



37.6016, 9.1158, -17.6087



37.6016, 7.6712, 15.1732

Complementary

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



37.6009, -19.7991, 1.3218



22.9114, 25.9762, 7.6118

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.



37.6016, 16.2346, 10.7516



37.6009, -19.7991, 1.3218



37.6016, 17.1296, -7.8316

Square

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



37.6016, -19.7993, 1.3223



37.6016, -1.2512, -22.0215



37.6016, 19.8635, 2.7571



37.6016, -2.7595, 16.4100

Rectangle

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



37.6009, -19.7991, 1.3218



37.6016, -13.3810, -16.0539



37.6016, 19.8635, 2.7571



37.6016, 10.9005, 14.0816

Sweetspot

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



37.6016, -19.7993, 1.3223



53.8483, -12.5097, 1.8223



36.7186, -25.8231, 19.4782



25.7139, -6.3992, 0.8345



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.



37.6016, -19.7993, 1.3223



49.7722, -28.8455, 2.5275



29.5747, -6.5962, -15.6321



20.3645, -2.6547, 0.9045



38.7988, -23.7379, 2.7481



85.5949, -52.7281, 6.8388

Inverse Universe

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



22.9114, 25.9762, 7.6118



27.7270, 41.2672, 12.8673



27.5975, 13.2036, 13.6501



19.2567, 0.6195, 1.2892



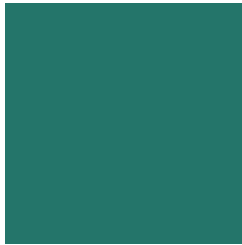
20.5089, 35.3137, 11.7668



45.1892, 77.6428, 27.2249

Previews

White Background



This preview shows how the HunterLab color 37.6009, -19.7991, 1.3218 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 37.6009, -19.7991, 1.3218 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

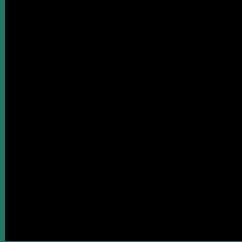
Any Text WCAG AA × Fail

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 37.6009, -19.7991, 1.3218 Background



This preview shows how black text looks on a background with the HunterLab color 37.6009, -19.7991, 1.3218.



This preview shows how white text looks on a background with the HunterLab color 37.6009, -19.7991, 1.3218.

-19.7991, 1.3218.

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

37.6009, -19.7991, 1.3218

Protanopia

37.4027, -1.5679, 4.3079

Deuteranopia

37.2240, 2.4530, -0.0643



Tritanopia

37.4803, -14.4528, -7.3227

Trichromacy



Original Color

37.6009, -19.7991, 1.3218

Protanomaly

37.0006, -10.0122, 2.4814

Deuteranomaly

36.7191, -7.7679, -0.4181

Tritanomaly

37.4674, -16.5141, -3.8338

Monochromacy



Original Color

37.6009, -19.7991, 1.3218

Achromatopsia

32.7144, -1.7456, 1.7774

Achromatomaly

33.9826, -9.6538, 1.0394

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 37.6009, -19.7991, 1.3218 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(36, 117, 106)` looks like.

```
.text, #text, p{  
    color:rgb(36, 117, 106)  
}
```

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(36, 117, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(36, 117, 106) }
```

Border

The CSS property to change the border of an element to HunterLab 37.6009, -19.7991, 1.3218 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(36, 117, 106) }
```


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

```
.border{ border-color:rgb(36, 117, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(36, 117, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(36, 117, 106); -webkit-box-shadow:4px 4px 4px 4px rgb(36, 117, 106); box-shadow:4px 4px 4px 4px rgb(36, 117, 106) }
```

Background

The CSS property to change the background color of an element to HunterLab 37.6009, -19.7991, 1.3218 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(36, 117, 106) }
```

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

```
.background{ background-color: rgb(36, 117,  
106) }
```

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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