

Converting Colors

HunterLab(37.3449, -19.8429,
1.9605)

Have a look what the booklet for
HunterLab(37.3449, -19.8429,
1.9605) contains.

HunterLab(37.2607, -19.6620, 1.7759)	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(37.2607,
-19.6620, 1.7759)**

Conversions

Conversions Part 1

Format	Color
Hex	257468
RGB	37, 116, 104
RGB Percent	15%, 45%, 41%
CMY	0.8549, 0.5451, 0.5922
CMYK	0.68, 0.00, 0.10, 0.55
HSL	171°, 52%, 30%
HSV	171°, 68%, 45%
XYZ	9.5071, 13.8836, 15.2754
YIQ	91.0110, -43.2320, -20.4800

Conversions

Conversions Part 2

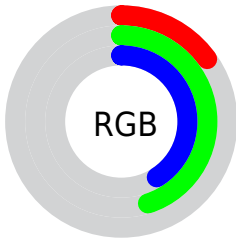
Format	Color
R_{YB}	37, 80, 116
Decimal	2454632
CIE _{Lab}	44.07, -26.80, -0.36
CIE _{LCh}	44, 26.807, 180.770
Yxy	13.8841, 0.2459, 0.3591
Android (android.graphics.Color)	4280644712 (0xFF257468)
YUV	91.0110, 6.4036, -47.3676
Hunter-Lab	37.2607, -19.6620, 1.7759

Details

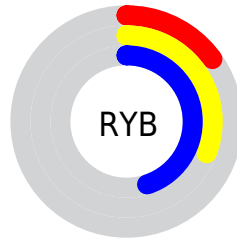
The HunterLab color **37.2607, -19.6620, 1.7759** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **22.9310, 25.4052, 7.0603**, and the grayscale version is **32.3380, -1.7255, 1.7570**.

A 20% lighter version of the original color is **57.5062, -24.2196, 3.0388**, and **20.7599, -12.7216, 1.5142** is the 20% darker color. If you saturate the color by 10%, you get **36.9691, -20.9187, 2.1543**, and if you desaturate by 10%, it is **37.6432, -18.0657, 1.5040**.

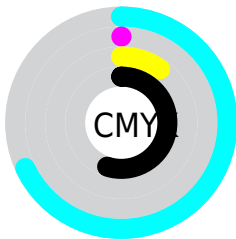
Distribution



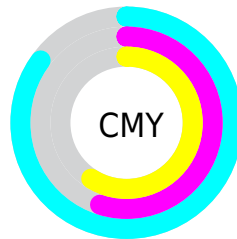
- Red (15%)
- Green (45%)
- Blue (41%)



- Red (15%)
- Yellow (31%)
- Blue (45%)



- Cyan (68%)
- Magenta (0%)
- Yellow (10%)
- Black (55%)



- Cyan (85%)
- Magenta (55%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 37.2607, -19.6620, 1.7759 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 37.2607, -19.6620, 1.7759 by changing the saturation by 10% instead.

■ 37.2607, -19.6620,
1.7759

■ 37.2607, -19.6620,
1.7759

147.1424,
-37.6256, 7.6121

■ 28.3551, -17.3060,
1.3133

■ 57.3440, -24.0168,
2.8308

■ 20.2993, -14.7601,
0.8989

■ 68.4158, -26.0754,
3.4160

■ 13.1957, -11.9225,
0.5395

■ 80.1207, -28.0797,
4.0365

■ 6.7094, -11.7415,
0.1427

■ 92.4261, -30.0420,
4.6906

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 105.3040,
-31.9714, 5.3765

0.0000, NaN, NaN

■ 118.7299,

0.0000, NaN, NaN

-33.8750, 6.0928

0.0000, NaN, NaN

132.6825,
-35.7582, 6.8384

■ 37.2607, -19.6620,
1.7759

■ 37.2607, -19.6620,
1.7759

■ 36.9691, -20.9187,
2.1543

■ 37.6432, -18.0657,
1.5040

■ 36.7592, -21.8535,
2.6263

■ 38.1194, -16.1221,
1.3455

■ 36.6072, -22.5588,
3.1594

■ 38.6934, -13.8342,
1.3065

■ 36.5791, -22.6899,
3.2604

■ 39.3669, -11.2129,
1.3897

■ 40.1403, -8.2756,
1.5952

■ 41.0130, -5.0447,
1.9211

■ 41.9833, -1.5460,
2.3633

■ 43.0489, 2.1933,
2.9166

■ 44.2067, 6.1452,
3.5745

Harmonies

Analogous

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



37.2614, -17.6245, 10.0454



37.2607, -19.6620, 1.7759



37.2614, -17.4059, -8.8495

Triad

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



37.2614, -19.6622, 1.7764



37.2614, 8.5972, -17.8562



37.2614, 8.0916, 14.9243

Complementary

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



37.2607, -19.6620, 1.7759



22.9310, 25.4052, 7.0603

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.



37.2614, 16.4276, 10.3750



37.2607, -19.6620, 1.7759



37.2614, 16.7409, -8.2949

Square

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



37.2614, -19.6622, 1.7764



37.2614, -1.7259, -21.9011



37.2614, 19.7474, 2.2784



37.2614, -2.2537, 16.2889

Rectangle

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



37.2607, -19.6620, 1.7759



37.2614, -13.6135, -15.5364



37.2614, 19.7474, 2.2784



37.2614, 11.2596, 13.7904

Sweetspot

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



37.2614, -19.6622, 1.7764



52.9594, -11.9455, 2.0347



36.4792, -25.1655, 19.1925



25.7533, -6.2648, 0.9616



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.



37.2614, -19.6622, 1.7764



48.8351, -28.5238, 3.2163



29.8514, -7.1301, -14.5493



20.3622, -2.6678, 0.9380



38.7467, -24.0528, 3.4931



85.4747, -53.4544, 8.5567

Inverse Universe

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



22.9310, 25.4052, 7.0603



27.4048, 40.2603, 12.0390



27.2748, 13.3484, 13.2349



19.2590, 0.6318, 1.2566



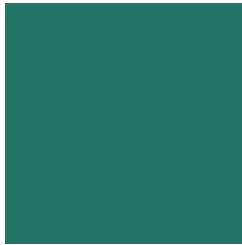
20.5243, 35.3709, 11.5385



45.2164, 77.7434, 26.8227

Previews

White Background



This preview shows how the HunterLab color 37.2607, -19.6620, 1.7759 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 37.2607, -19.6620, 1.7759 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

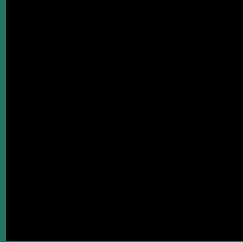
Any Text WCAG AA × Fail

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 37.2607, -19.6620, 1.7759 Background



This preview shows how black text looks on a background with the HunterLab color 37.2607, -19.6620, 1.7759.



This preview shows how white text looks on a background with the HunterLab color 37.2607,

-19.6620, 1.7759.

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

37.2607, -19.6620, 1.7759

Protanopia

36.9991, -1.6867, 4.6464

Deuteranopia

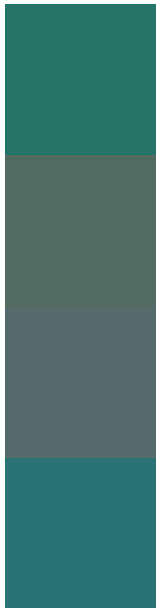
36.9061, 2.6096, 0.4407



Tritanopia

37.1768, -14.1312, -7.2242

Trichromacy



Original Color

37.2607, -19.6620, 1.7759

Protanomaly

36.6593, -9.8993, 2.9166

Deuteranomaly

36.4417, -7.4341, 0.1401

Tritanomaly

37.1607, -16.1994, -3.7478

Monochromacy



Original Color

37.2607, -19.6620, 1.7759

Achromatopsia

32.3445, -1.7258, 1.7573

Achromatomaly

33.6132, -9.6113, 1.0242

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 37.2607, -19.6620, 1.7759 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(37, 116, 104)` looks like.

```
.text, #text, p{  
    color:rgb(37, 116, 104)  
}
```

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(37, 116, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 116, 104) }
```

Border

The CSS property to change the border of an element to HunterLab 37.2607, -19.6620, 1.7759 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(37, 116, 104) }
```


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

```
.border{ border-color:rgb(37, 116, 104) }
```

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

Here you see how a box with a 4 pixel rgb(37, 116, 104) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(37, 116, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(37, 116, 104);  
box-shadow:4px 4px 4px 4px rgb(37, 116,  
104) }
```

Background

The CSS property to change the background color of an element to HunterLab 37.2607, -19.6620, 1.7759 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(37, 116, 104) }
```

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

```
.background{ background-color: rgb(37, 116,  
104) }
```

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