Converting Colors

HunterLab(37.5207, -9.9077, -19.4290)

Have a look what the booklet for HunterLab(37.5207, -9.9077, -19.4290) contains.

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Color

HunterLab(37.4763, -9.8357, -19.4599)

Conversions

Conversions Part 1

Format	Color
Hex	267091
RGB	38, 112, 145
RGB Percent	15%, 44%, 57%
CMY	0.8510, 0.5608, 0.4314
CMYK	0.74, 0.23, 0.00, 0.43
HSL	199°, 58%, 36%
HSV	199°, 74%, 57%
XYZ	11.7043, 14.0447, 28.8820
YIQ	93.6360, -54.6970, -5.4250

Conversions

Conversions Part 2

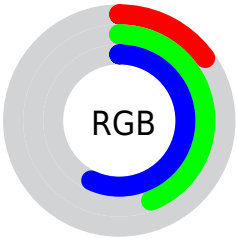
Format	Color
RYB	38, 82, 145
Decimal	2519185
CIELab	44.30, -11.15, -24.54
CIELCh	44, 26.956, 245.578
Yxy	14.0452, 0.2142, 0.2571
Android (android.graphics.Color)	4280709265 (0xFF267091)
YUV	93.6360, 25.3225, -48.7928
Hunter-Lab	37.4763, -9.8357, -19.4599

Details

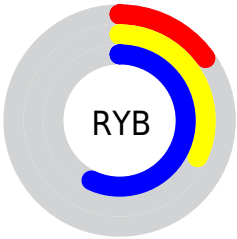
The HunterLab color 37.4763, -9.8357, -19.4599 is a dark color, and the websafe version is hex 006699. A complement of this color would be 32.6605, 20.8931, 17.1611, and the grayscale version is 33.2457, -1.7739, 1.8063.

A 20% lighter version of the original color is 57.6811, -12.3706, -20.2137, and 21.1541, -4.5011, -16.7242 is the 20% darker color. If you saturate the color by 10%, you get 35.8590, -9.0473, -22.3546, and if you desaturate by 10%, it is 39.2278, -10.1611, -16.4945.

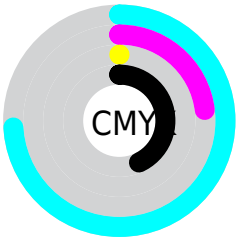
Distribution



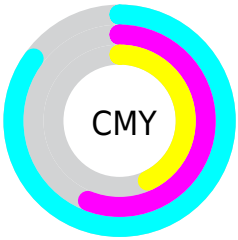
- Red (15%)
- Green (44%)
- Blue (57%)



- Red (15%)
- Yellow (32%)
- Blue (57%)



- Cyan (74%)
- Magenta (23%)
- Yellow (0%)
- Black (43%)



- Cyan (85%)
- Magenta (56%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 37.4763, -9.8357, -19.4599 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 37.4763, -9.8357, -19.4599 by changing the saturation by 10% instead.

37.4763, -9.8357, -19.4599

147.4829, -20.5702, -21.6686

57.5928, -12.2145, -20.3519

68.6797, -13.3940, -20.7103

80.3988, -14.5739, -21.0086

92.7177, -15.7576, -21.2483

105.6086, -16.9475, -21.4317

119.0469,

37.4763, -9.8357, -19.4599

28.5519, -8.6181, -18.9432

20.4755, -7.3606, -18.4249

13.3484, -6.0303, -18.0206

6.8977, -7.4091, -19.8643

0.0000, NaN, -NF

0.0000, NaN, NaN

0.0000, NaN, NaN

0.0000, NaN, NaN

-18.1454, -21.5612

0.0000, NaN, NaN

133.0114, -19.3526, -21.6394

37.4763, -9.8357, -19.4599

35.8590, -9.0473, -22.3546

34.3720, -7.8060, -25.1653

33.4848, -6.9173, -26.9207

37.4763, -9.8357, -19.4599

39.2278, -10.1611, -16.4945

41.1090, -10.0355, -13.4803

43.1155, -9.4825, -10.4362

45.2411, -8.5330, -7.3790

47.4789, -7.2206, -4.3224

49.8219, -5.5798, -1.2768

52.2630, -3.6434, 1.7503

54.7956, -1.4425, 4.7540

57.4134, 0.9949, 7.7314

Harmonies

Analogous

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

37.4770, -16.7729, -10.6440

37.4763, -9.8357, -19.4599

37.4770, -0.0594, -21.9394

Triad

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

37.4770, -9.8355, -19.4592

37.4770, 19.7903, 3.8234

37.4770, -12.8312, 14.3453

Complementary

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

37.4763, -9.8357, -19.4599

32.6605, 20.8931, 17.1611

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.

37.4770, -3.9052, 16.3525

37.4763, -9.8357, -19.4599

37.4770, 15.4840, 11.4205

Square

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

37.4770, -9.8355, -19.4592

37.4770, 17.7661, -6.6050

37.4770, 6.5337, 15.4483

37.4770, -18.3673, 9.0166

Rectangle

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

37.4763, -9.8357, -19.4599

37.4770, 6.9276, -19.2146

37.4770, 6.5337, 15.4483

37.4770, -10.1661, 15.3545

Sweetspot

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

37.4770, -9.8355, -19.4592

63.9463, -9.3952, -5.2414

45.9420, -33.6429, 20.2199

29.8183, -4.6534, -2.9280

85.4018, -4.5568, 4.6400

33.5864, -1.7921, 1.8248

Same Dimension

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

37.4770, -9.8355, -19.4592

46.5634, -10.9932, -32.5858

23.7200, 14.8950, -52.0825

24.1649, -2.2390, 0.0592

31.0876, -6.5210, -24.7798

3.6279, -1.4612, -1.3803

Inverse Universe

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

29.2855, 41.9775, -12.2553

36.2095, 63.2464, -15.2732

45.2499, -3.5070, 25.4179

23.4160, 1.3784, 0.1154

24.4171, 45.0857, -9.5754

2.4690, 4.6978, -2.0446

Previews

White Background

This preview shows how the HunterLab color 37.4763, -9.8357, -19.4599 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

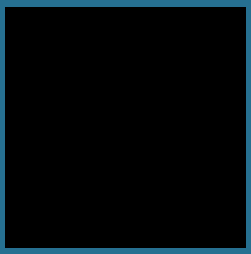
This preview shows how the HunterLab color 37.4763, -9.8357, -19.4599 looks on a black background.

Color Contrast Check

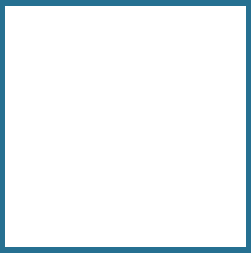
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA × Fail
Large Text (above 18pt) WCAG AAA × Fail
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the Color Contrast Checker.

HunterLab 37.4763, -9.8357, -19.4599 Background



This preview shows how black text looks on a background with the HunterLab color 37.4763, -9.8357, -19.4599.



This preview shows how white text looks on a background with the HunterLab color 37.4763, -9.8357,

-19.4599.

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
37.4763, -9.8357, -19.4599

Protanopia
37.3743, 2.2090, -15.0757

Deuteranopia
37.3242, 2.7679, -20.8016

Tritanopia
37.5631, -17.1909, -7.7791

Trichromacy

Original Color
37.4763, -9.8357, -19.4599

Protanomaly
36.9959, -3.0533, -17.6413

Deuteranomaly
36.9939, -2.6490, -20.8349

Tritanomaly
37.6125, -14.9398, -11.4960

Monochromacy

Original Color
37.4763, -9.8357, -19.4599

Achromatopsia
33.4563, -1.7851, 1.8177

Achromatomaly
34.5767, -6.5185, -5.5971

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 37.4763, -9.8357, -19.4599 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(38, 112, 145) looks like.

```
.text, #text, p{
    color:rgb(38, 112, 145)
}
```

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(38, 112, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(38, 112, 145) }
```

Border

The CSS property to change the border of an element to HunterLab 37.4763, -9.8357, -19.4599 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(38, 112, 145) }
```

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

```
.border{ border-color:rgb(38, 112, 145) }
```

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

Here you see how a box with a 4 pixel rgb(38, 112, 145) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(38, 112, 145); -webkit-box-shadow:4px 4px 4px 4px rgb(38, 112, 145); box-shadow:4px 4px 4px 4px rgb(38, 112, 145) }
```

Background

The CSS property to change the background color of an element to HunterLab 37.4763, -9.8357, -19.4599 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(38, 112, 145) }
```

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

```
.background{ background-color:rgb(38, 112,
145) }
```

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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