

Converting Colors

HunterLab(37.2293, -9.8405,
-15.4934)

Have a look what the booklet for
HunterLab(37.2293, -9.8405,
-15.4934) contains.

HunterLab(37.2248, -9.8139, -15.5315)	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(37.2248, -9.8139,
-15.5315)

Conversions

Conversions Part 1

Format	Color
Hex	316F8A
RGB	49, 111, 138
RGB Percent	19%, 44%, 54%
CMY	0.8078, 0.5647, 0.4588
CMYK	0.64, 0.20, 0.00, 0.46
HSL	198°, 48%, 37%
HSV	198°, 64%, 54%
XYZ	11.5385, 13.8569, 26.1113
YIQ	95.5400, -45.6190, -4.7470

Conversions

Conversions Part 2

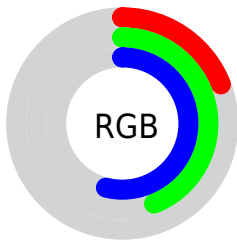
Format	Color
R_{YB}	49, 86, 138
Decimal	3239818
CIE _{Lab}	44.03, -11.16, -20.76
CIE _{LCh}	44, 23.571, 241.737
Yxy	13.8574, 0.2240, 0.2690
Android (android.graphics.Color)	4281429898 (0xFF316F8A)
YUV	95.5400, 20.9328, -40.8156
Hunter-Lab	37.2248, -9.8139, -15.5315

Details


The HunterLab color **37.2248, -9.8139, -15.5315** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **32.8551, 16.5033, 15.2894**, and the grayscale version is **33.9671, -1.8124, 1.8455**.

A 20% lighter version of the original color is **57.4486, -12.1767, -16.2812**, and **20.6388, -5.5103, -13.9016** is the 20% darker color. If you saturate the color by 10%, you get **35.5989, -9.5183, -18.2778**, and if you desaturate by 10%, it is **38.9741, -9.6856, -12.7328**.

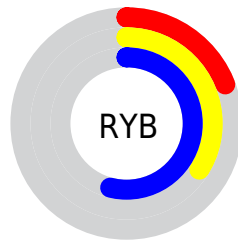
Distribution



 Red (19%)

 Green (44%)

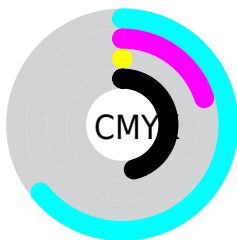
 Blue (54%)





 Red (19%)

 Yellow (34%)

 Blue (54%)

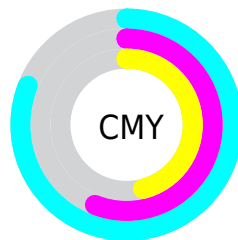


 Cyan (64%)

 Magenta (20%)

 Yellow (0%)

 Black (46%)



 Cyan (81%)

 Magenta (56%)

 Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 37.2248, -9.8139, -15.5315 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 37.2248, -9.8139, -15.5315 by changing the saturation by 10% instead.

37.2248, -9.8139,
-15.5315

37.2248, -9.8139,
-15.5315

147.0856,
-20.5553, -16.7412

28.3223, -8.5945,
-15.0937

57.3025, -12.1955,
-16.2178

20.2700, -7.3343,
-14.6151

68.3718, -13.3759,
-16.4638

13.1703, -5.9999,
-14.1617

80.0743, -14.5565,
-16.6476

6.6775, -7.6401,
-15.7533

92.3774, -15.7409,
-16.7723

0.0000, NaN, -NF

0.0000, NaN, NaN

105.2531,
-16.9313, -16.8411

0.0000, NaN, NaN

118.6770,

0.0000, NaN, NaN

-18.1297, -16.8570

0.0000, NaN, NaN

132.6276,
-19.3373, -16.8229

■ 37.2248, -9.8139,
-15.5315

■ 37.2248, -9.8139,
-15.5315

■ 35.5989, -9.5183,
-18.2778

■ 38.9741, -9.6856,
-12.7328

■ 34.0964, -8.7893,
-20.9556

■ 40.8405, -9.1547,
-9.9018

■ 32.7145, -7.6425,
-23.5532

■ 42.8190, -8.2493,
-7.0538

■ 31.9771, -6.9340,
-25.0001

■ 44.9033, -7.0006,
-4.2022

■ 47.0869, -5.4404,
-1.3571

■ 49.3633, -3.5997,
1.4741

■ 51.7264, -1.5075,
4.2862

■ 54.1702, 0.8098,
7.0760

■ 56.6894, 3.3282,
9.8419

Harmonies

Analogous

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



37.2255, -15.5598, -7.6869



37.2248, -9.8139, -15.5315



37.2255, -1.4635, -18.4052

Triad

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



37.2255, -9.8139, -15.5308



37.2255, 16.8830, 2.5207



37.2255, -10.6396, 13.4604

Complementary

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



37.2248, -9.8139, -15.5315



32.8551, 16.5033, 15.2894

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.



37.2255, -2.5101, 14.9856



37.2248, -9.8139, -15.5315



37.2255, 13.8580, 9.6699

Square

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



37.2255, -9.8139, -15.5308



37.2255, 14.4671, -6.6172



37.2255, 6.5425, 13.7813



37.2255, -16.0039, 8.9928

Rectangle

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



37.2248, -9.8139, -15.5315



37.2255, 4.6223, -16.6798



37.2255, 6.5425, 13.7813



37.2255, -8.1675, 14.2791

Sweetspot

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



37.2255, -9.8139, -15.5308



61.0736, -8.2905, -3.6573



43.9863, -29.7007, 17.4404



28.5841, -4.1655, -2.1778



83.1908, -4.4389, 4.5199



31.6988, -1.6914, 1.7223

Same Dimension

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



37.2255, -9.8139, -15.5308



46.4137, -12.3045, -25.7569



25.4542, 10.5033, -40.1389



23.3169, -2.1685, 0.0754



30.6617, -6.7037, -23.8531



2.9716, -1.2054, -1.1121

Inverse Universe

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



29.5772, 35.4415, -11.3019



35.9366, 55.1838, -15.8144



43.7111, -3.9015, 22.9242



22.5911, 1.3181, 0.1054



23.9443, 44.2596, -9.7544



2.0173, 3.8407, -1.6882

Previews

White Background



This preview shows how the HunterLab color 37.2248, -9.8139, -15.5315 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 37.2248, -9.8139, -15.5315 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

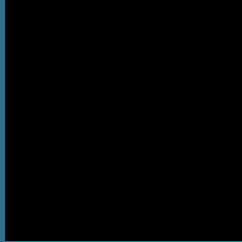
Any Text WCAG AA × Fail

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 37.2248, -9.8139, -15.5315 Background



This preview shows how black text looks on a background with the HunterLab color 37.2248, -9.8139, -15.5315.

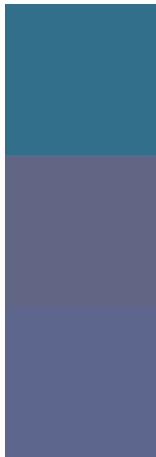


This preview shows how white text looks on a background with the HunterLab color 37.2248, -9.8139,

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

37.2248, -9.8139, -15.5315

Protanopia

36.9533, 1.7021, -12.2247

Deuteranopia

37.0450, 2.6257, -16.8366



Tritanopia

37.3311, -15.0902, -7.0224

Trichromacy



Original Color

37.2248, -9.8139, -15.5315

Protanomaly

36.7242, -3.1258, -13.8386

Deuteranomaly

36.8035, -2.4594, -16.7150

Tritanomaly

37.2884, -13.3629, -9.7289

Monochromacy



Original Color

37.2248, -9.8139, -15.5315

Achromatopsia

34.2010, -1.8249, 1.8582

Achromatomaly

34.8099, -5.8065, -4.2670

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 37.2248, -9.8139, -15.5315 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(49, 111, 138)` looks like.

```
.text, #text, p{  
    color:rgb(49, 111, 138)  
}
```

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(49, 111, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 111, 138) }
```

Border

The CSS property to change the border of an element to HunterLab 37.2248, -9.8139, -15.5315 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(49, 111, 138) }
```


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

```
.border{ border-color:rgb(49, 111, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(49, 111, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(49, 111, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(49, 111, 138);  
box-shadow:4px 4px 4px 4px rgb(49, 111,  
138) }
```

Background

The CSS property to change the background color of an element to HunterLab 37.2248, -9.8139, -15.5315 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(49, 111, 138) }
```

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

```
.background{ background-color: rgb(49, 111,  
138) }
```

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