

Converting Colors

HunterLab(40.3749, 15.7198,
-33.6510)

Have a look what the booklet for
HunterLab(40.3749, 15.7198,
-33.6510) contains.

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Color

**HunterLab(40.2537, 15.8561,
-33.9001)**

Conversions

Conversions Part 1

Format	Color
Hex	7366AE
RGB	115, 102, 174
RGB Percent	45%, 40%, 68%
CMY	0.5490, 0.6000, 0.3176
CMYK	0.34, 0.41, 0.00, 0.32
HSL	251°, 31%, 54%
HSV	251°, 41%, 68%
XYZ	19.4616, 16.2036, 42.1463
YIQ	114.0950, -15.3640, 25.1480

Conversions

Conversions Part 2

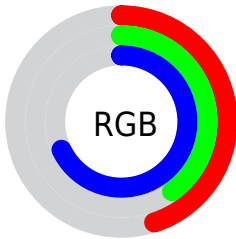
Format	Color
R_{YB}	115, 102, 174
Decimal	7562926
CIE Lab	47.24, 22.11, -36.72
CIE LCh	47, 42.865, 301.057
Yxy	16.2042, 0.2501, 0.2082
Android (android.graphics.Color)	4285753006 (0xFF7366AE)
YUV	114.0950, 29.5332, 0.7937
Hunter-Lab	40.2537, 15.8561, -33.9001

Details

The HunterLab color **40.2537, 15.8561, -33.9001** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **62.2967, -16.6627, 26.1310**, and the grayscale version is **40.9523, -2.1851, 2.2250**.

A 20% lighter version of the original color is **60.7706, 17.1238, -35.2926**, and **22.7368, 14.1237, -32.9130** is the 20% darker color. If you saturate the color by 10%, you get **34.9893, 21.3913, -45.9218**, and if you desaturate by 10%, it is **45.8620, 10.7305, -23.3218**.

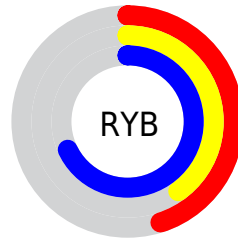
Distribution



Red (45%)

Green (40%)

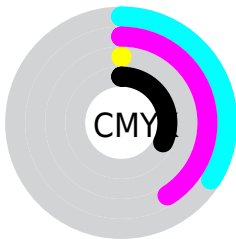
Blue (68%)



Red (45%)

Yellow (40%)

Blue (68%)

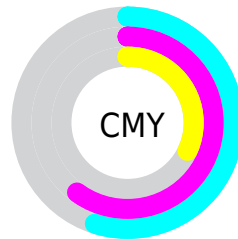


Cyan (34%)

Magenta (41%)

Yellow (0%)

Black (32%)



Cyan (55%)

Magenta (60%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.2537, 15.8561, -33.9001 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 40.2537, 15.8561, -33.9001 by changing the saturation by 10% instead.

40.2537, 15.8561,
-33.9001

40.2537, 15.8561,
-33.9001

151.8367, 18.6391,
-38.5486

31.0947, 15.1064,
-33.3196

60.7885, 17.0216,
-35.1777

22.7594, 14.2233,
-32.9204

72.0652, 17.4637,
-35.7941

15.3401, 13.1864,
-33.0010

83.9640, 17.8248,
-36.3722

8.9535, 12.0557,
-34.5464

96.4540, 18.1125,
-36.9052

0.0000, INF, -NF

0.0000, NaN, -NF

109.5084, 18.3329,
-37.3899

0.0000, NaN, NaN

123.1037, 18.4913,

0.0000, NaN, NaN

-37.8252

0.0000, NaN, NaN

137.2193, 18.5921,
-38.2113

■ 40.2537, 15.8561,
-33.9001

■ 40.2537, 15.8561,
-33.9001

■ 34.9893, 21.3913,
-45.9218

■ 45.8620, 10.7305,
-23.3218

■ 30.1596, 27.3689,
-59.6598

■ 51.7468, 5.9441,
-13.8920

■ 25.8975, 33.6798,
-75.1312

■ 57.8625, 1.4244,
-5.3532

■ 22.3818, 39.8712,
-91.5900

■ 64.1753, -2.8900,
2.4975

■ 19.8162, 44.9256,
-106.8165

■ 70.6599, -7.0479,
9.8158

■ 18.3136, 48.0492,
-117.5187

■ 77.2970, -11.0873,
16.7200

■ 84.0712, -15.0375,
23.3000

■ 90.9703, -18.9213,
29.6250

■ 96.7930, -20.9804,
34.7469

Harmonies

Analogous

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



40.2545, -1.5542, -42.0750



40.2537, 15.8561, -33.9001



40.2545, 30.1021, -15.6419

Triad

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



40.2545, 15.8558, -33.8990



40.2545, 14.6586, 20.8428



40.2545, -29.5638, 1.6219

Complementary

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



40.2537, 15.8561, -33.9001



62.2967, -16.6627, 26.1310

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.



40.2545, -26.6425, 14.3805



40.2537, 15.8561, -33.9001



40.2545, -2.7424, 22.3679

Square

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



40.2545, 15.8558, -33.8990



40.2545, 29.3352, 15.0124



40.2545, -17.4592, 20.5969



40.2545, -26.1992, -17.0434

Rectangle

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



40.2537, 15.8561, -33.9001



40.2545, 34.8767, -2.8705



40.2545, -17.4592, 20.5969



40.2545, -29.2889, 6.6705

Sweetspot

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



40.2545, 15.8558, -33.8990



77.2318, 2.4146, -8.1304



56.3222, -16.0353, -7.7301



35.9121, 1.4958, -4.4988



94.3401, -5.0338, 5.1257



41.3092, -2.2042, 2.2444

Same Dimension

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



40.2545, 15.8558, -33.8990



47.4608, 28.4286, -60.9983



43.6387, 25.7679, -27.0661



27.9717, 0.2427, -1.7362



15.6583, 40.9705, -99.6111



2.9733, 7.1656, -14.1546

Inverse Universe

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



45.9077, 31.0221, -14.7162



57.1996, 52.2436, -24.6702



59.7223, -26.3888, 23.8586



28.5007, 1.9445, -0.3411



28.2205, 53.4211, -21.2410



4.7742, 9.1469, -4.4419

Previews

White Background



This preview shows how the HunterLab color 40.2537, 15.8561, -33.9001 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 40.2537, 15.8561, -33.9001 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

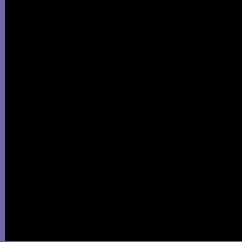
Any Text WCAG AA × Fail

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 40.2537, 15.8561, -33.9001 Background



This preview shows how black text looks on a background with the HunterLab color 40.2537, 15.8561, -33.9001.



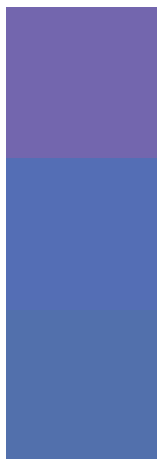
This preview shows how white text looks on a background with the HunterLab color 40.2537, 15.8561, -33.9001.

-33.9001.

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

40.2537, 15.8561, -33.9001

Protanopia

40.4634, 6.7086, -39.0052

Deuteranopia

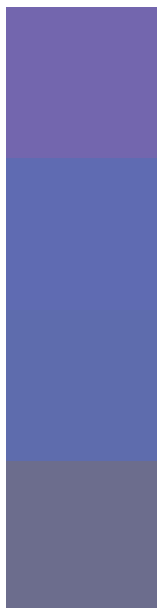
40.4484, 3.0022, -32.2338



Tritanopia

40.1976, -3.1738, -2.4436

Trichromacy



Original Color

40.2537, 15.8561, -33.9001

Protanomaly

40.2028, 9.6222, -37.1755

Deuteranomaly

40.1521, 7.6271, -33.5039

Tritanomaly

40.0606, 3.2387, -12.5533

Monochromacy



Original Color

40.2537, 15.8561, -33.9001

Achromatopsia

41.0207, -2.1888, 2.2287

Achromatomaly

40.6286, 3.4098, -8.8963

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.2537, 15.8561, -33.9001 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(115, 102, 174)` looks like.

```
.text, #text, p{  
    color:rgb(115, 102, 174)  
}
```

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(115, 102, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 102, 174) }
```

Border

The CSS property to change the border of an element to HunterLab 40.2537, 15.8561, -33.9001 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(115, 102, 174) }
```


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

```
.border{ border-color:rgb(115, 102, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 102, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 102, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 102, 174);  
box-shadow:4px 4px 4px 4px rgb(115, 102,  
174) }
```

Background

The CSS property to change the background color of an element to HunterLab 40.2537, 15.8561, -33.9001 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 102, 174) }
```

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

```
.background{ background-color: rgb(115,  
102, 174) }
```

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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