

Converting Colors

HunterLab(42.0221, -3.7359,
-37.8436)

Have a look what the booklet for
HunterLab(42.0221, -3.7359,
-37.8436) contains.

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Color

**HunterLab(41.9853, -3.5631,
-38.2290)**

Conversions

Conversions Part 1

Format	Color
Hex	2A79B8
RGB	42, 121, 184
RGB Percent	16%, 47%, 72%
CMY	0.8353, 0.5255, 0.2784
CMYK	0.77, 0.34, 0.00, 0.28
HSL	207°, 63%, 44%
HSV	207°, 77%, 72%
XYZ	16.4439, 17.6277, 47.8831
YIQ	104.5610, -67.3070, 2.8450

Conversions

Conversions Part 2

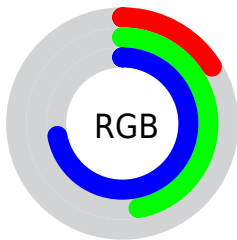
Format	Color
R_{YB}	42, 93, 184
Decimal	2783672
CIE _{Lab}	49.04, -1.74, -39.95
CIE _{LCh}	49, 39.988, 267.502
Yxy	17.6282, 0.2007, 0.2151
Android (android.graphics.Color)	4280973752 (0xFF2A79B8)
YUV	104.5610, 39.1634, -54.8660
Hunter-Lab	41.9853, -3.5631, -38.2290

Details

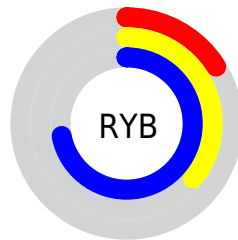
The HunterLab color $41.9853, -3.5631, -38.2290$ is a dark color, and the websafe version is hex 336699 . A complement of this color would be $45.2360, 20.4257, 25.3594$, and the grayscale version is $37.2950, -1.9900, 2.0263$.

A 20% lighter version of the original color is $62.7428, -4.9462, -39.3262$, and $25.3057, 1.4182, -34.6915$ is the 20% darker color. If you saturate the color by 10%, you get $39.2736, -0.9791, -44.2769$, and if you desaturate by 10%, it is $44.9202, -5.4456, -32.2699$.

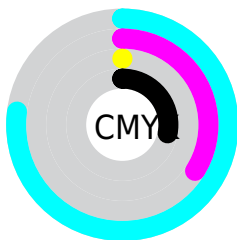
Distribution



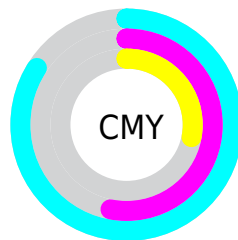
- Red (16%)
- Green (47%)
- Blue (72%)



- Red (16%)
- Yellow (36%)
- Blue (72%)



- Cyan (77%)
- Magenta (34%)
- Yellow (0%)
- Black (28%)



- Cyan (84%)
- Magenta (53%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 41.9853, -3.5631, -38.2290 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 41.9853, -3.5631, -38.2290 by changing the saturation by 10% instead.

■ 41.9853, -3.5631,
-38.2290

■ 41.9853, -3.5631,
-38.2290

154.5209,
-10.2985, -43.3309

■ 32.6855, -2.9587,
-37.6616

■ 62.7717, -4.8643,
-39.5518

■ 24.1958, -2.3878,
-37.3170

■ 74.1629, -5.5599,
-40.2112

■ 16.6034, -1.8506,
-37.5176

■ 86.1703, -6.2840,
-40.8406

■ 10.0304, -1.3467,
-39.1900

■ 98.7638, -7.0354,
-41.4304

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 111.9173, -7.8134,
-41.9760

0.0000, NaN, -NF

125.6078, -8.6170,

0.0000, NaN, NaN

-42.4750

0.0000, NaN, NaN

139.8150, -9.4457,
-42.9266

■ 41.9853, -3.5631,
-38.2290

■ 41.9853, -3.5631,
-38.2290

■ 39.2736, -0.9791,
-44.2769

■ 44.9202, -5.4456,
-32.2699

■ 36.7846, 2.2789,
-50.3858

■ 48.0624, -6.6624,
-26.4420

■ 36.1035, 3.2616,
-52.1672

■ 51.3960, -7.2676,
-20.7700

■ 54.9047, -7.3228,
-15.2659

■ 58.5727, -6.8903,
-9.9315

■ 62.3856, -6.0280,
-4.7614

■ 66.3306, -4.7886,
0.2544

■ 70.3962, -3.2182,
5.1282

■ 74.5724, -1.3569,
9.8730

Harmonies

Analogous

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



41.9860, -17.3959, -30.2623



41.9853, -3.5631, -38.2290



41.9860, 12.7806, -32.4258

Triad

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



41.9860, -3.5626, -38.2281



41.9860, 28.3586, 13.5914



41.9860, -24.9819, 15.0698

Complementary

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



41.9853, -3.5631, -38.2290



45.2360, 20.4257, 25.3594

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.



41.9860, -15.4114, 20.7273



41.9853, -3.5631, -38.2290



41.9860, 15.4208, 20.1231

Square

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



41.9860, -3.5626, -38.2281



41.9860, 32.7550, 1.0021



41.9860, -0.9060, 22.1592



41.9860, -28.5612, 3.5294

Rectangle

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



41.9853, -3.5631, -38.2290



41.9860, 22.6776, -22.4005



41.9860, -0.9060, 22.1592



41.9860, -22.4357, 17.5339

Sweetspot

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



41.9860, -3.5626, -38.2281



80.7817, -8.9018, -10.7129



59.8029, -43.2538, 23.2298



36.6604, -4.2995, -6.1460



96.5975, -5.1542, 5.2483



43.2801, -2.3093, 2.3515

Same Dimension

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



41.9860, -3.5626, -38.2281



50.3777, 1.8554, -65.6725



25.2245, 32.3669, -90.4797



30.8637, -2.3983, -0.3868



30.2097, 2.2807, -42.6828



6.6562, -1.1982, -5.7332

Inverse Universe

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



36.3698, 54.3731, -6.1267



45.5892, 80.0560, -3.1736



63.9037, -12.8800, 37.1183



30.1556, 1.7331, 0.5761



27.7554, 49.9838, -1.0710



5.3275, 9.8037, -1.8303

Previews

White Background



This preview shows how the HunterLab color 41.9853, -3.5631, -38.2290 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 41.9853, -3.5631, -38.2290 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

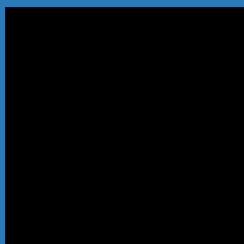
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

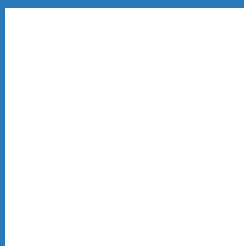
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 41.9853, -3.5631, -38.2290 Background



This preview shows how black text looks on a background with the HunterLab color 41.9853, -3.5631, -38.2290.



This preview shows how white text looks on a background with the HunterLab color 41.9853, -3.5631, -38.2290.

-38.2290.

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

41.9853, -3.5631, -38.2290

Protanopia

41.9239, 5.6878, -33.6337

Deuteranopia

41.8689, 3.3957, -39.1380



Tritanopia

41.9101, -20.0593, -9.0818

Trichromacy



Original Color

41.9853, -3.5631, -38.2290

Protanomaly

41.8016, 1.2488, -35.4653

Deuteranomaly

41.8923, 0.6145, -39.1360

Tritanomaly

41.7011, -14.8729, -18.6544

Monochromacy



Original Color

41.9853, -3.5631, -38.2290

Achromatopsia

37.5850, -2.0054, 2.0421

Achromatomaly

38.5797, -5.2047, -10.9803

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 41.9853, -3.5631, -38.2290 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(42, 121, 184)` looks like.

```
.text, #text, p{  
    color:rgb(42, 121, 184)  
}
```

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(42, 121, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(42, 121, 184) }
```

Border

The CSS property to change the border of an element to HunterLab 41.9853, -3.5631, -38.2290 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(42, 121, 184) }
```


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

```
.border{ border-color:rgb(42, 121, 184) }
```

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

Here you see how a box with a 4 pixel rgb(42, 121, 184) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(42, 121, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(42, 121, 184);  
box-shadow:4px 4px 4px 4px rgb(42, 121,  
184) }
```

Background

The CSS property to change the background color of an element to HunterLab 41.9853, -3.5631, -38.2290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(42, 121, 184) }
```

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

```
.background{ background-color: rgb(42, 121,  
184) }
```

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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