

Converting Colors

HunterLab(41.8330, -10.6344,
0.4062)

Have a look what the booklet for
HunterLab(41.8330, -10.6344,
0.4062) contains.

HunterLab(41.8321, -10.6338, 0.4056)	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(41.8321,
-10.6338, 0.4056)**

Conversions

Conversions Part 1

Format	Color
Hex	5B7A78
RGB	91, 122, 120
RGB Percent	36%, 48%, 47%
CMY	0.6431, 0.5216, 0.5294
CMYK	0.25, 0.00, 0.02, 0.52
HSL	176°, 15%, 42%
HSV	176°, 25%, 48%
XYZ	14.6641, 17.4992, 20.3741
YIQ	112.5030, -17.8340, -7.1940

Conversions

Conversions Part 2

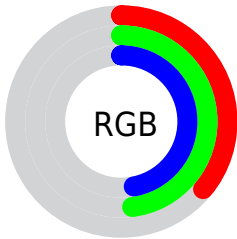
Format	Color
R_{YB}	91, 107, 122
Decimal	5995128
CIE _{Lab}	48.88, -11.50, -2.53
CIE _{LCh}	49, 11.774, 192.388
Yxy	17.5000, 0.2791, 0.3331
Android (android.graphics.Color)	4284185208 (0xFF5B7A78)
YUV	112.5030, 3.6960, -18.8581
Hunter-Lab	41.8321, -10.6338, 0.4056

Details

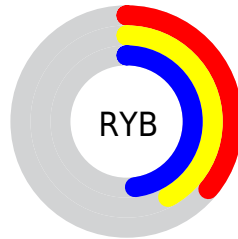
The HunterLab color $41.8321, -10.6338, 0.4056$ is a dark color, and the websafe version is hex 336666 . A complement of this color would be $35.2286, 7.9871, 4.4172$, and the grayscale version is $40.4377, -2.1577, 2.1971$.

A 20% lighter version of the original color is $62.4511, -12.8590, 1.2029$, and $24.0176, -7.9106, -0.4737$ is the 20% darker color. If you saturate the color by 10%, you get $41.1223, -13.3195, -0.1540$, and if you desaturate by 10%, it is $42.6503, -7.6131, 1.0955$.

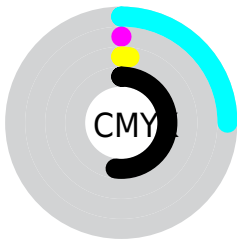
Distribution



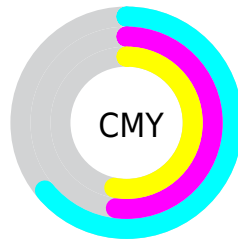
- Red (36%)
- Green (48%)
- Blue (47%)



- Red (36%)
- Yellow (42%)
- Blue (48%)



- Cyan (25%)
- Magenta (0%)
- Yellow (2%)
- Black (52%)



- Cyan (64%)
- Magenta (52%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 41.8321, -10.6338, 0.4056 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 41.8321, -10.6338, 0.4056 by changing the saturation by 10% instead.

■ 41.8321, -10.6338,
0.4056

■ 41.8321, -10.6338,
0.4056

154.2846,
-21.5357, 5.5451

■ 32.5447, -9.4054,
0.0438

■ 62.5966, -13.0459,
1.2787

■ 24.0685, -8.1431,
-0.2615

■ 73.9779, -14.2438,
1.7804

■ 16.4911, -6.8219,
-0.5007

■ 85.9758, -15.4427,
2.3215

■ 9.9355, -5.6365,
-0.6600

■ 98.5603, -16.6457,
2.8997

0.0000, NaN, -NF

0.0000, NaN, NaN

111.7050,
-17.8550, 3.5127

0.0000, NaN, NaN

125.3872,

0.0000, NaN, NaN

-19.0724, 4.1590

0.0000, NaN, NaN

139.5864,
-20.2989, 4.8369

■ 41.8321, -10.6338,
0.4056

■ 41.8321, -10.6338,
0.4056

■ 41.1223, -13.3195,
-0.1540

■ 42.6503, -7.6131,
1.0955

■ 40.5179, -15.6503,
-0.5818

■ 43.5734, -4.2789,
1.9082

■ 40.0181, -17.6153,
-0.8761

■ 44.6007, -0.6586,
2.8373

■ 39.6194, -19.2119,
-1.0393

■ 45.7294, 3.2189,
3.8743

■ 39.3168, -20.4471,
-1.0766

■ 46.9564, 7.3245,
5.0105

■ 39.1030, -21.3396,
-0.9974

■ 48.2778, 11.6295,
6.2366

■ 38.9639, -21.9399,
-0.8208

■ 49.6897, 16.1068,
7.5437

■ 38.9068, -22.1887,
-0.7311

■ 51.1879, 20.7313,
8.9230

■ 52.7680, 25.4802,
10.3665

Harmonies

Analogous

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



41.8330, -10.4397, 4.7759



41.8321, -10.6338, 0.4056



41.8330, -8.6513, -3.8889

Triad

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



41.8330, -10.6344, 0.4062



41.8330, 3.9817, -4.5233



41.8330, 0.5126, 9.6164

Complementary

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



41.8321, -10.6338, 0.4056



35.2286, 7.9871, 4.4172

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.



41.8330, 4.5944, 7.6273



41.8321, -10.6338, 0.4056



41.8330, 6.6567, -0.3860

Square

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



41.8330, -10.6344, 0.4062



41.8330, -0.2940, -6.9369



41.8330, 6.8857, 4.0653



41.8330, -4.1400, 9.7788

Rectangle

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



41.8321, -10.6338, 0.4056



41.8330, -6.3084, -6.0053



41.8330, 6.8857, 4.0653



41.8330, 2.0019, 9.1502

Sweetspot

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



41.8330, -10.6344, 0.4062



57.4393, -6.9456, 2.2151



41.2380, -14.2970, 10.9297



27.3900, -3.5951, 0.9918



78.7982, -4.2045, 4.2813



27.9800, -1.4929, 1.5202

Same Dimension

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



41.8330, -10.6344, 0.4062



54.9671, -16.0545, 0.1223



38.0459, -4.4140, -5.3283



21.2325, -2.7185, 0.7844



39.9201, -22.7704, -0.7420



87.1600, -49.8984, -1.2261

Inverse Universe

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



35.2286, 7.9871, 4.4172



44.4804, 13.6188, 6.5334



38.5766, 1.4771, 8.5842



20.0471, 0.6035, 1.4962



20.9138, 35.9001, 12.8588



45.6266, 78.2209, 28.8319

Previews

White Background



This preview shows how the HunterLab color 41.8321, -10.6338, 0.4056 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 41.8321, -10.6338, 0.4056 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

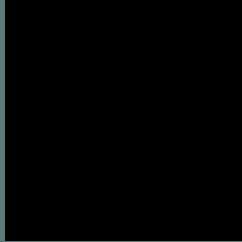
Any Text WCAG AA ✓ Pass

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 41.8321, -10.6338, 0.4056 Background



This preview shows how black text looks on a background with the HunterLab color 41.8321, -10.6338, 0.4056.



This preview shows how white text looks on a background with the HunterLab color 41.8321, -10.6338, 0.4056.

-10.6338, 0.4056.

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

41.8321, -10.6338, 0.4056

Protanopia

41.6821, -1.1947, 2.1605

Deuteranopia

41.5675, 2.9176, -0.5978



Tritanopia

41.6795, -7.5857, -4.4925

Trichromacy



Original Color

41.8321, -10.6338, 0.4056

Protanomaly

41.7485, -5.1904, 1.7334

Deuteranomaly

41.6125, -2.5643, -0.1771

Tritanomaly

41.7809, -8.9600, -2.4222

Monochromacy



Original Color

41.8321, -10.6338, 0.4056

Achromatopsia

40.6365, -2.1683, 2.2079

Achromatomaly

40.9329, -5.2460, 1.1977

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 41.8321, -10.6338, 0.4056 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(91, 122, 120)` looks like.

```
.text, #text, p{  
    color:rgb(91, 122, 120)  
}
```

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(91, 122, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 122, 120) }
```

Border

The CSS property to change the border of an element to HunterLab 41.8321, -10.6338, 0.4056 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(91, 122, 120) }
```


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

```
.border{ border-color:rgb(91, 122, 120) }
```

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

Here you see how a box with a 4 pixel rgb(91, 122, 120) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 122, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 122, 120);  
box-shadow:4px 4px 4px 4px rgb(91, 122,  
120) }
```

Background

The CSS property to change the background color of an element to HunterLab 41.8321, -10.6338, 0.4056 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 122, 120) }
```

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

```
.background{ background-color: rgb(91, 122,  
120) }
```

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