

Converting Colors

HunterLab(41.3396, -11.6290,
0.6517)

Have a look what the booklet for
HunterLab(41.3396, -11.6290,
0.6517) contains.

HunterLab(41.2420, -11.4159, 0.5732)	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(41.2420,
-11.4159, 0.5732)**

Conversions

Conversions Part 1

Format	Color
Hex	577976
RGB	87, 121, 118
RGB Percent	34%, 47%, 46%
CMY	0.6588, 0.5255, 0.5373
CMYK	0.28, 0.00, 0.02, 0.53
HSL	175°, 16%, 41%
HSV	175°, 28%, 47%
XYZ	14.0379, 17.0090, 19.6828
YIQ	110.4920, -19.3010, -8.1410

Conversions

Conversions Part 2

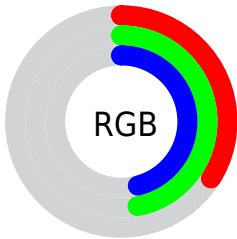
Format	Color
R_{YB}	87, 105, 121
Decimal	5732726
CIE _{Lab}	48.27, -12.74, -2.27
CIE _{LCh}	48, 12.937, 190.113
Yxy	17.0097, 0.2767, 0.3353
Android (android.graphics.Color)	4283922806 (0xFF577976)
YUV	110.4920, 3.7014, -20.6025
Hunter-Lab	41.2420, -11.4159, 0.5732

Details

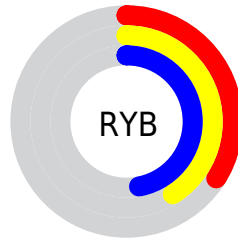
The HunterLab color $41.2420, -11.4159, 0.5732$ is a dark color, and the websafe version is hex 336666 . A complement of this color would be $34.0882, 9.1494, 4.3398$, and the grayscale version is $39.6680, -2.1166, 2.1552$.

A 20% lighter version of the original color is $61.8002, -13.7581, 1.3547$, and $23.5118, -8.5160, -0.2729$ is the 20% darker color. If you saturate the color by 10%, you get $40.5586, -14.0345, 0.1745$, and if you desaturate by 10%, it is $42.0325, -8.4619, 1.1029$.

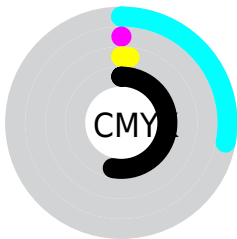
Distribution



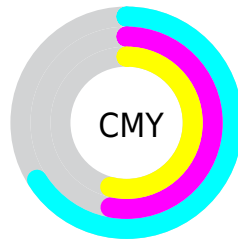
- Red (34%)
- Green (47%)
- Blue (46%)



- Red (34%)
- Yellow (41%)
- Blue (47%)



- Cyan (28%)
- Magenta (0%)
- Yellow (2%)
- Black (53%)



- Cyan (66%)
- Magenta (53%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 41.2420, -11.4159, 0.5732 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 41.2420, -11.4159, 0.5732 by changing the saturation by 10% instead.

■ 41.2420, -11.4159,
0.5732

■ 41.2420, -11.4159,
0.5732

153.3716,
-22.8586, 5.7900

■ 32.0022, -10.1033,
0.2005

■ 61.9213, -13.9748,
1.4662

■ 23.5782, -8.7461,
-0.1164

■ 73.2637, -15.2383,
1.9771

■ 16.0593, -7.3147,
-0.3681

■ 85.2249, -16.4989,
2.5270

■ 9.5715, -6.3155,
-0.5408

■ 97.7742, -17.7603,
3.1136

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 110.8854,
-19.0251, 3.7348

0.0000, NaN, NaN

124.5353,

0.0000, NaN, NaN

-20.2955, 4.3889

0.0000, NaN, NaN

138.7035,
-21.5729, 5.0744

■ 41.2420, -11.4159,
0.5732

■ 41.2420, -11.4159,
0.5732

■ 40.5586, -14.0345,
0.1745

■ 42.0325, -8.4619,
1.1029

■ 39.9792, -16.2992,
-0.0931

■ 42.9272, -5.1931,
1.7576

■ 39.5026, -18.2007,
-0.2296

■ 43.9251, -1.6363,
2.5318

■ 39.1250, -19.7382,
-0.2387

■ 45.0241, 2.1802,
3.4182

■ 38.8410, -20.9209,
-0.1276

■ 46.2208, 6.2275,
4.4084

■ 38.6429, -21.7701,
0.0931

■ 47.5118, 10.4768,
5.4940

■ 38.5064, -22.3767,
0.3908

■ 48.8932, 14.9009,
6.6661

■ 38.4814, -22.4887,
0.4482

■ 50.3607, 19.4746,
7.9162

■ 51.9102, 24.1748,
9.2362

Harmonies

Analogous

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



41.2428, -11.0221, 5.2928



41.2420, -11.4159, 0.5732



41.2428, -9.4352, -4.2264

Triad

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



41.2428, -11.4165, 0.5738



41.2428, 4.3050, -5.5424



41.2428, 1.1851, 10.0865

Complementary

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



41.2420, -11.4159, 0.5732



34.0882, 9.1494, 4.3398

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.



41.2428, 5.5651, 7.8125



41.2420, -11.4159, 0.5732



41.2428, 7.4261, -1.0548

Square

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



41.2428, -11.4165, 0.5738



41.2428, -0.4674, -8.0308



41.2428, 7.8981, 3.8490



41.2428, -3.9100, 10.4105

Rectangle

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



41.2420, -11.4159, 0.5732



41.2428, -6.9747, -6.6860



41.2428, 7.8981, 3.8490



41.2428, 2.7964, 9.5392

Sweetspot

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



41.2428, -11.4165, 0.5738



57.4304, -6.9951, 2.3424



40.6908, -14.9985, 11.6721



27.3850, -3.6225, 1.0623



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.



41.2428, -11.4165, 0.5738



54.5558, -17.6927, 0.3879



37.4250, -5.0079, -5.6854



21.2288, -2.7388, 0.8366



39.8342, -23.2861, 0.4787



86.9633, -51.0796, 1.5695

Inverse Universe

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



34.0882, 9.1494, 4.3398



42.8436, 16.1437, 6.6252



37.3946, 2.4424, 8.7882



20.0506, 0.6224, 1.4461



20.9295, 35.9582, 12.6267



45.6493, 78.3052, 28.4950

Previews

White Background



This preview shows how the HunterLab color 41.2420, -11.4159, 0.5732 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 41.2420, -11.4159, 0.5732 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

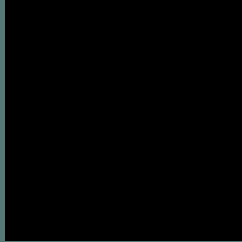
Any Text WCAG AA × Fail

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 41.2420, -11.4159, 0.5732 Background



This preview shows how black text looks on a background with the HunterLab color 41.2420, -11.4159, 0.5732.



This preview shows how white text looks on a background with the HunterLab color 41.2420, -11.4159, 0.5732.

-11.4159, 0.5732.

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

41.2420, -11.4159, 0.5732

Protanopia

41.1856, -1.6162, 2.4325

Deuteranopia

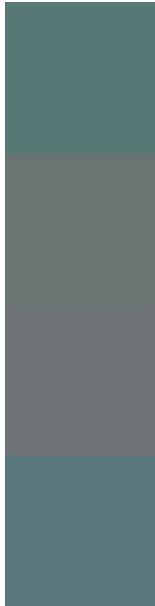
41.1532, 2.7723, -0.1935



Tritanopia

41.1126, -8.2144, -4.7620

Trichromacy



Original Color

41.2420, -11.4159, 0.5732

Protanomaly

41.1869, -5.8487, 1.9281

Deuteranomaly

41.1198, -2.9776, 0.1208

Tritanomaly

41.2169, -9.5821, -2.6797

Monochromacy



Original Color

41.2420, -11.4159, 0.5732

Achromatopsia

39.4875, -2.1070, 2.1454

Achromatomaly

40.0645, -5.6114, 1.4698

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 41.2420, -11.4159, 0.5732 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(87, 121, 118)` looks like.

```
.text, #text, p{  
    color:rgb(87, 121, 118)  
}
```

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(87, 121, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 121, 118) }
```

Border

The CSS property to change the border of an element to HunterLab 41.2420, -11.4159, 0.5732 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(87, 121, 118) }
```


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

```
.border{ border-color:rgb(87, 121, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 121, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 121, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 121, 118);  
box-shadow:4px 4px 4px 4px rgb(87, 121,  
118) }
```

Background

The CSS property to change the background color of an element to HunterLab 41.2420, -11.4159, 0.5732 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 121, 118) }
```

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

```
.background{ background-color: rgb(87, 121,  
118) }
```

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