

Converting Colors

HunterLab(37.4815, 8.1126,
-36.9200)

Have a look what the booklet for
HunterLab(37.4815, 8.1126,
-36.9200) contains.

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Color

**HunterLab(37.4815, 8.1126,
-36.9200)**

Conversions

Conversions Part 1

Format	Color
Hex	5365AA
RGB	83, 101, 170
RGB Percent	33%, 40%, 67%
CMY	0.6745, 0.6039, 0.3333
CMYK	0.51, 0.41, 0.00, 0.33
HSL	228°, 34%, 50%
HSV	228°, 51%, 67%
XYZ	15.4767, 14.0486, 39.9261
YIQ	103.4840, -32.8770, 17.6430

Conversions

Conversions Part 2

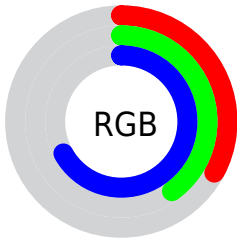
Format	Color
R_{YB}	83, 98, 170
Decimal	5465514
CIE _{Lab}	44.30, 13.11, -39.18
CIE _{LCh}	44, 41.316, 288.499
Yxy	14.0491, 0.2228, 0.2023
Android (android.graphics.Color)	4283655594 (0xFF5365AA)
YUV	103.4840, 32.7924, -17.9645
Hunter-Lab	37.4815, 8.1126, -36.9200

Details

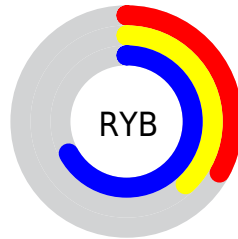
The HunterLab color $37.4815, 8.1126, -36.9200$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $56.2390, -5.2057, 25.9346$, and the grayscale version is $36.9010, -1.9689, 2.0049$.

A 20% lighter version of the original color is $57.6765, 8.2282, -38.2802$, and $20.5205, 7.1799, -35.8555$ is the 20% darker color. If you saturate the color by 10%, you get $33.1078, 11.8975, -47.4963$, and if you desaturate by 10%, it is $42.1380, 4.9813, -27.4581$.

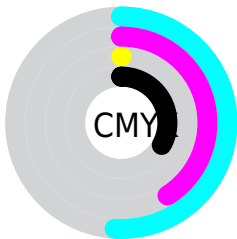
Distribution



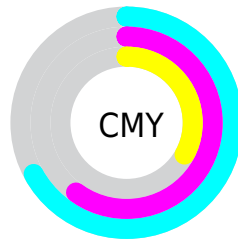
- Red (33%)
- Green (40%)
- Blue (67%)



- Red (33%)
- Yellow (38%)
- Blue (67%)



- Cyan (51%)
- Magenta (41%)
- Yellow (0%)
- Black (33%)



- Cyan (67%)
- Magenta (60%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 37.4815, 8.1126, -36.9200 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 37.4815, 8.1126, -36.9200 by changing the saturation by 10% instead.

■ 37.4815, 8.1126,
-36.9200

■ 37.4815, 8.1126,
-36.9200

■ 147.4911, 7.6215,
-42.0181

■ 28.5567, 7.8042,
-36.4169

■ 57.5987, 8.4522,
-38.2083

■ 20.4797, 7.3803,
-36.2288

■ 68.6860, 8.5062,
-38.8675

■ 13.3520, 6.8147,
-36.8425

■ 80.4055, 8.4941,
-39.5005

■ 6.9022, 7.9073,
-42.9036

■ 92.7248, 8.4221,
-40.0957

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 105.6159, 8.2949,
-40.6472

0.0000, NaN, NaN

119.0546, 8.1169,

0.0000, NaN, NaN

-41.1519

0.0000, NaN, NaN

133.0193, 7.8915,
-41.6089

■ 37.4815, 8.1126,
-36.9200

■ 37.4815, 8.1126,
-36.9200

■ 33.1078, 11.8975,
-47.4963

■ 42.1380, 4.9813,
-27.4581

■ 29.0820, 16.4611,
-59.3252

■ 47.0260, 2.3784,
-18.9297

■ 25.4937, 21.8777,
-72.3544

■ 52.1095, 0.1983,
-11.1579

■ 22.4553, 28.0487,
-86.0860

■ 57.3609, -1.6437,
-3.9927

■ 20.2838, 33.6879,
-98.0755

■ 62.7592, -3.2139,
2.6875

■ 68.2878, -4.5638,
8.9793

■ 73.9336, -5.7335,
14.9592

■ 79.6861, -6.7543,
20.6875

■ 85.5363, -7.6511,
26.2121

Harmonies

Analogous

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



37.4821, -7.8584, -38.6624



37.4815, 8.1126, -36.9200



37.4821, 23.5197, -22.5489

Triad

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



37.4821, 8.1128, -36.9190



37.4821, 20.2822, 17.8526



37.4821, -27.3288, 7.3481

Complementary

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



37.4815, 8.1126, -36.9200



56.2390, -5.2057, 25.9346

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.



37.4821, -22.1164, 16.5633



37.4815, 8.1126, -36.9200



37.4821, 4.2377, 20.7289

Square

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



37.4821, 8.1128, -36.9190



37.4821, 31.3074, 10.0873



37.4821, -11.1463, 20.3820



37.4821, -26.6419, -8.3148

Rectangle

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



37.4815, 8.1126, -36.9200



37.4821, 30.5897, -10.1469



37.4821, -11.1463, 20.3820



37.4821, -26.2487, 11.1478

Sweetspot

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



37.4821, 8.1128, -36.9190



74.3407, -1.2462, -9.2455



57.2958, -26.9288, 4.4701



34.4221, -0.3484, -5.2997



93.2148, -4.9737, 5.0645



40.3295, -2.1519, 2.1912

Same Dimension

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



37.4821, 8.1128, -36.9190



44.0691, 16.5520, -65.3893



35.0084, 22.8221, -42.4367



27.4640, -0.9224, -1.2667



17.5897, 28.2476, -82.9641



3.7889, 1.6453, -8.2875

Inverse Universe

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



39.5890, 30.0051, 6.4805



48.4477, 49.7506, 11.0524



59.5197, -21.1608, 28.1525



27.5077, 1.1281, 1.6459



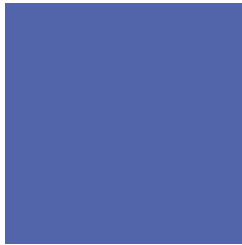
25.2654, 43.6509, 13.3555



4.0274, 7.1267, 0.8224

Previews

White Background



This preview shows how the HunterLab color 37.4815, 8.1126, -36.9200 looks on a white background.

Color Contrast Check

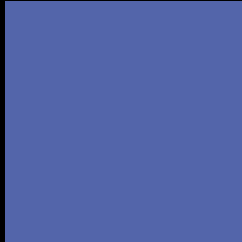
Large Text (above 18pt) WCAG AA ✓ Pass

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 37.4815, 8.1126, -36.9200 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

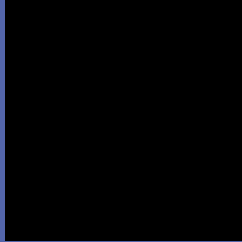
Any Text WCAG AA × Fail

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 37.4815, 8.1126, -36.9200 Background



This preview shows how black text looks on a background with the HunterLab color 37.4815, 8.1126, -36.9200.



This preview shows how white text looks on a background with the HunterLab color 37.4815, 8.1126, -36.9200.

-36.9200.

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

37.4815, 8.1126, -36.9200

Protanopia

37.4444, 6.7537, -37.8147

Deuteranopia

37.5845, 2.9008, -36.0034



Tritanopia

37.6326, -11.0248, -5.5034

Trichromacy



Original Color

37.4815, 8.1126, -36.9200

Protanomaly

37.5570, 7.1187, -37.5559

Deuteranomaly

37.6071, 4.3602, -35.9285

Tritanomaly

37.4242, -4.5819, -15.7172

Monochromacy



Original Color

37.4815, 8.1126, -36.9200

Achromatopsia

36.8284, -1.9651, 2.0010

Achromatomaly

36.7721, 0.7247, -9.7027

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 37.4815, 8.1126, -36.9200 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(83, 101, 170)` looks like.

```
.text, #text, p{  
    color:rgb(83, 101, 170)  
}
```

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(83, 101, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 101, 170) }
```

Border

The CSS property to change the border of an element to HunterLab 37.4815, 8.1126, -36.9200 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(83, 101, 170) }
```


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

```
.border{ border-color:rgb(83, 101, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 101, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 101, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 101, 170);  
box-shadow:4px 4px 4px 4px rgb(83, 101,  
170) }
```

Background

The CSS property to change the background color of an element to HunterLab 37.4815, 8.1126, -36.9200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 101, 170) }
```

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

```
.background{ background-color: rgb(83, 101,  
170) }
```

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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