

Converting Colors

HunterLab(15.7891, 0.7847,
-9.6413)

Have a look what the booklet for
HunterLab(15.7891, 0.7847, -9.6413)
contains.

HunterLab(15.9210, 0.6575, -9.3725)	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(15.9210, 0.6575,
-9.3725)**

Conversions

Conversions Part 1

Format	Color
Hex	222C42
RGB	34, 44, 66
RGB Percent	13%, 17%, 26%
CMY	0.8667, 0.8274, 0.7412
CMYK	0.48, 0.33, 0.00, 0.74
HSL	221°, 32%, 20%
HSV	221°, 48%, 26%
XYZ	2.5437, 2.5348, 5.5094
YIQ	43.5180, -13.0220, 4.7220

Conversions

Conversions Part 2

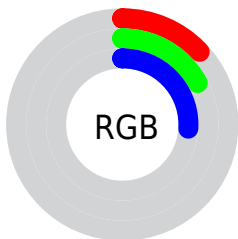
Format	Color
R_{YB}	34, 42, 66
Decimal	2239554
CIE Lab	18.08, 2.68, -15.22
CIE LCh	18, 15.458, 279.998
Yxy	2.5349, 0.2403, 0.2394
Android (android.graphics.Color)	4280429634 (0xFF222C42)
YUV	43.5180, 11.0836, -8.3473
Hunter-Lab	15.9210, 0.6575, -9.3725

Details

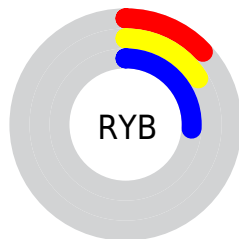
The HunterLab color **15.9210, 0.6575, -9.3725** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **20.2538, -0.6345, 8.0387**, and the grayscale version is **15.6805, -0.8367, 0.8520**.

A 20% lighter version of the original color is **31.7256, 0.2820, -10.1970**, and **2.8908, 5.1606, -14.7536** is the 20% darker color. If you saturate the color by 10%, you get **14.5379, 1.4095, -12.0378**, and if you desaturate by 10%, it is **17.3632, 0.0555, -6.9002**.

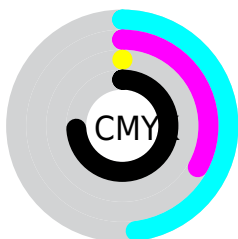
Distribution



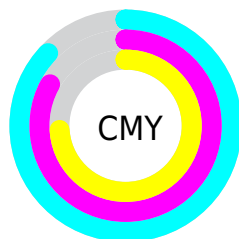
- Red (13%)
- Green (17%)
- Blue (26%)



- Red (13%)
- Yellow (16%)
- Blue (26%)



- Cyan (48%)
- Magenta (33%)
- Yellow (0%)
- Black (74%)



- Cyan (87%)
- Magenta (83%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 15.9210, 0.6575, -9.3725 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 15.9210, 0.6575, -9.3725 by changing the saturation by 10% instead.

■ 15.9210, 0.6575,
-9.3725

■ 15.9210, 0.6575,
-9.3725

■ 110.6223, -3.0690,
-10.3351

■ 9.4554, 0.7720,
-8.9652

■ 31.8284, 0.1867,
-10.0653

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 41.0537, -0.1426,
-10.3005

0.0000, NaN, NaN

■ 51.0300, -0.5242,
-10.4623

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 61.7047, -0.9528,
-10.5554

0.0000, NaN, NaN

■ 73.0346, -1.4244,
-10.5849

0.0000, NaN, NaN

■ 84.9839, -1.9360,

0.0000, NaN, NaN

-10.5554

■ 97.5219, -2.4849,
-10.4709

■ 15.9210, 0.6575,
-9.3725

■ 15.9210, 0.6575,
-9.3725

■ 14.5379, 1.4095,
-12.0378

■ 17.3632, 0.0555,
-6.9002

■ 13.2224, 2.3389,
-14.9236

■ 18.8563, -0.4200,
-4.5948

■ 11.9860, 3.4743,
-18.0496

■ 20.3946, -0.7891,
-2.4310

■ 10.8379, 4.8267,
-21.4345

■ 21.9733, -1.0685,
-0.3866

■ 9.7351, 6.2474,
-25.2832

■ 23.5882, -1.2718,
1.5572

■ 9.5708, 6.4654,
-25.9196

■ 25.2363, -1.4102,
3.4163

■ 26.9146, -1.4927,
5.2042

■ 28.6209, -1.5270,
6.9319

■ 30.3531, -1.5193,
8.6088

Harmonies

Analogous

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



15.9213, -3.6639, -8.7971



15.9210, 0.6575, -9.3725



15.9213, 5.0105, -6.6853

Triad

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



15.9213, 0.6574, -9.3721



15.9213, 6.2240, 5.2491



15.9213, -8.0980, 3.3995

Complementary

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



15.9210, 0.6575, -9.3725



20.2538, -0.6345, 8.0387

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.



15.9213, -5.9697, 5.9132



15.9210, 0.6575, -9.3725



15.9213, 2.1732, 6.7607

Square

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



15.9213, 0.6574, -9.3721



15.9213, 8.4492, 2.2117



15.9213, -2.3041, 6.9649



15.9213, -8.4089, -0.6071

Rectangle

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



15.9210, 0.6575, -9.3725



15.9213, 7.2289, -3.7472



15.9213, -2.3041, 6.9649



15.9213, -7.5834, 4.4131

Sweetspot

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



15.9213, 0.6574, -9.3721



27.4620, -1.1553, -2.4270



21.2621, -9.3491, 2.5524



13.8898, -0.5712, -1.3514



63.7533, -3.4017, 3.4638



15.6573, -0.8354, 0.8507

Same Dimension

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



15.9213, 0.6574, -9.3721



18.7969, 2.0884, -16.6199



14.0923, 6.0593, -12.8957



11.6509, -0.5663, -0.2090



13.4314, 11.3728, -41.3387



31.3041, 34.7802, -114.2079

Inverse Universe

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



15.7615, 9.4899, 0.9143



18.8358, 16.0195, 1.6129



22.3087, -6.1663, 9.6162



11.5943, 0.3052, 0.5662



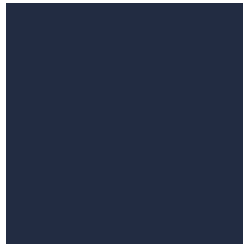
16.2206, 28.3650, 5.9328



40.4414, 70.3544, 17.6263

Previews

White Background



This preview shows how the HunterLab color 15.9210, 0.6575, -9.3725 looks on a white background.

Color Contrast Check

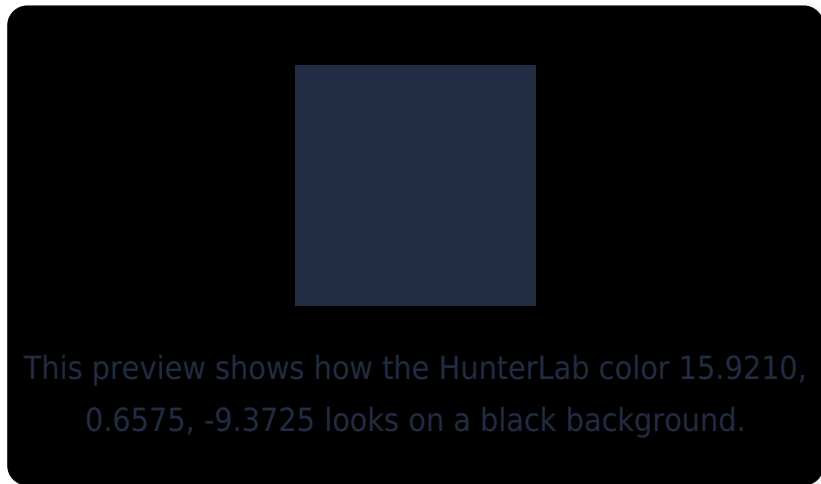
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

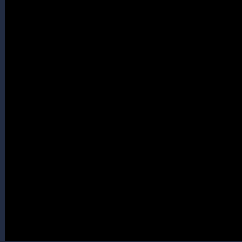
Any Text WCAG AA × Fail

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 15.9210, 0.6575, -9.3725 Background



This preview shows how black text looks on a background with the HunterLab color 15.9210, 0.6575, -9.3725.



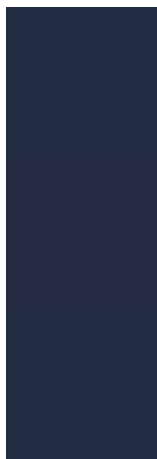
This preview shows how white text looks on a background with the HunterLab color 15.9210, 0.6575, -9.3725.

-9.3725.

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

15.9210, 0.6575, -9.3725

Protanopia

15.8569, 1.6332, -9.4725

Deuteranopia

15.9210, 0.6575, -9.3725



Tritanopia

15.9162, -4.0692, -1.9307

Trichromacy



Original Color

15.9210, 0.6575, -9.3725

Protanomaly

15.7993, 1.4413, -9.5817

Deuteranomaly

15.9210, 0.6575, -9.3725

Tritanomaly

15.9086, -2.5282, -4.1853

Monochromacy



Original Color

15.9210, 0.6575, -9.3725

Achromatopsia

15.8704, -0.8468, 0.8623

Achromatomaly

15.8127, -0.6299, -2.4488

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 15.9210, 0.6575, -9.3725 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(34, 44, 66)` looks like.

```
.text, #text, p{  
    color:rgb(34, 44, 66)  
}
```

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(34, 44, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(34, 44, 66) }
```

Border

The CSS property to change the border of an element to HunterLab 15.9210, 0.6575, -9.3725 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(34, 44, 66) }
```


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

```
.border{ border-color:rgb(34, 44, 66) }
```

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

Here you see how a box with a 4 pixel `rgb(34, 44, 66)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(34, 44, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(34, 44, 66);  
box-shadow:4px 4px 4px 4px rgb(34, 44, 66)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 15.9210, 0.6575, -9.3725 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(34, 44, 66) }
```

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

```
.background{ background-color: rgb(34, 44,  
66) }
```

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