

Converting Colors

HunterLab(15.9064, 35.7424,
-55.6287)

Have a look what the booklet for
HunterLab(15.9064, 35.7424,
-55.6287) contains.

HunterLab(15.9667, 35.8363, -55.5177)	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(15.9667, 35.8363,
-55.5177)**

Conversions

Conversions Part 1

Format	Color
Hex	430078
RGB	67, 0, 120
RGB Percent	26%, 0%, 47%
CMY	0.7372, 1.0000, 0.5294
CMYK	0.44, 1.00, 0.00, 0.53
HSL	274°, 100%, 24%
HSV	274°, 100%, 47%
XYZ	5.7049, 2.5494, 17.9607
YIQ	33.7130, 1.4120, 51.5240

Conversions

Conversions Part 2

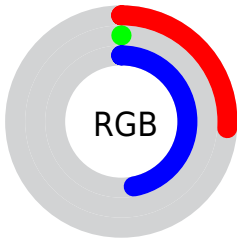
Format	Color
RYB	67, 0, 120
Decimal	4391032
CIELab	18.14, 48.61, -50.82
CIELCh	18, 70.327, 313.726
Yxy	2.5494, 0.2176, 0.0973
Android (android.graphics.Color)	4282581112 (0xFF430078)
YUV	33.7130, 42.5395, 29.1927
Hunter-Lab	15.9667, 35.8363, -55.5177

Details

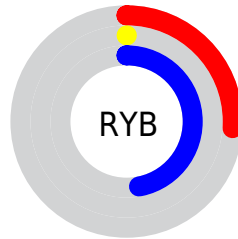
The HunterLab color **15.9667, 35.8363, -55.5177** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **37.6694, -27.1380, 22.7366**, and the grayscale version is **12.4270, -0.6631, 0.6752**.

A 20% lighter version of the original color is **31.7934, 39.4750, -53.4453**, and **7.2136, 18.4834, -42.8564** is the 20% darker color. If you saturate the color by 10%, you get **15.9670, 35.8366, -55.5166**, and if you desaturate by 10%, it is **17.3447, 33.6252, -49.4654**.

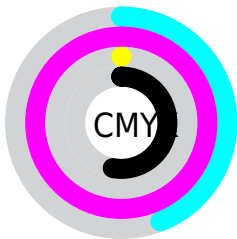
Distribution



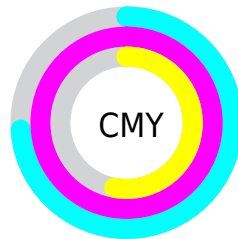
- Red (26%)
- Green (0%)
- Blue (47%)



- Red (26%)
- Yellow (0%)
- Blue (47%)



- Cyan (44%)
- Magenta (100%)
- Yellow (0%)
- Black (53%)



- Cyan (74%)
- Magenta (100%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 15.9667, 35.8363, -55.5177 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 15.9667, 35.8363, -55.5177 by changing the saturation by 10% instead.

15.9667, 35.8363,
-55.5177

15.9667, 35.8363,
-55.5177

110.7094, 50.0685,
-57.9315

9.4938, 34.2547,
-60.5063

31.8860, 39.6337,
-53.5143

0.0000, INF, -NF

0.0000, NaN, -NF

41.1163, 41.4486,
-53.7521

0.0000, NaN, -NF

51.0974, 43.1538,
-54.2798

0.0000, NaN, NaN

0.0000, NaN, NaN

61.7764, 44.7454,
-54.9507

0.0000, NaN, NaN


73.1105, 46.2265,
-55.6869


0.0000, NaN, NaN


85.0637, 47.6031,


0.0000, NaN, NaN


-56.4447


 97.6055, 48.8817,
-57.1981


 15.9667, 35.8363,
-55.5177


 15.9667, 35.8363,
-55.5177


 15.9670, 35.8366,
-55.5166

 17.3447, 33.6252,
-49.4654

 19.0060, 30.8494,
-43.1808

 21.1006, 27.1939,
-36.4515

 23.5681, 23.0631,
-29.7760

 26.3462, 18.7405,
-23.4261

■ 29.3807, 14.3891,
-17.5022

■ 32.6280, 10.0884,
-12.0079

■ 36.0535, 5.8693,
-6.9030

■ 39.6305, 1.7378,
-2.1336

Harmonies

Analogous

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



15.9670, 9.4469, -92.7938



15.9667, 35.8363, -55.5177



15.9670, 56.1480, -13.3379

Triad

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



15.9670, 35.8366, -55.5166



15.9670, 11.5539, 11.1769



15.9670, -25.2476, -10.6170

Complementary

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



15.9667, 35.8363, -55.5177



37.6694, -27.1380, 22.7366

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.



15.9670, -25.0266, 8.1735



15.9667, 35.8363, -55.5177



15.9670, -9.0626, 11.1769

Square

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



15.9670, 35.8366, -55.5166



15.9670, 38.0231, 11.1769



15.9670, -19.8690, 11.1769



15.9670, -20.4727, -51.5625

Rectangle

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



15.9667, 35.8363, -55.5177



15.9670, 59.3241, 3.0883



15.9670, -19.8690, 11.1769



15.9670, -25.7551, -1.7227

Sweetspot

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



15.9670, 35.8366, -55.5166



42.9462, 13.7951, -16.4421



19.9860, 7.0848, -40.2748



20.1803, 7.6595, -9.1918



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.



15.9670, 35.8366, -55.5166



20.9861, 47.3041, -74.5364



22.8210, 44.4052, -26.5203



19.9839, 0.6823, -0.8564



16.6517, 37.4006, -58.1077



35.6591, 80.8564, -130.3602

Inverse Universe

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



20.6158, 36.5519, 3.6573



27.2929, 48.3005, 5.5389



36.6690, -31.3156, 21.7684



20.1040, 0.9103, 0.6837



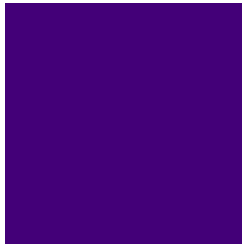
21.5263, 38.1540, 3.9133



46.8382, 82.6854, 11.0910

Previews

White Background



This preview shows how the HunterLab color 15.9667, 35.8363, -55.5177 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



This preview shows how the HunterLab color 15.9667, 35.8363, -55.5177 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

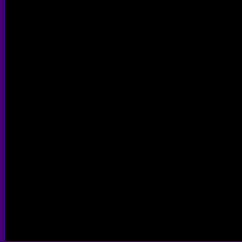
Any Text WCAG AA × Fail

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 15.9667, 35.8363, -55.5177 Background



This preview shows how black text looks on a background with the HunterLab color 15.9667, 35.8363, -55.5177.



This preview shows how white text looks on a background with the HunterLab color 15.9667, 35.8363, -55.5177.

-55.5177.

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

15.9667, 35.8363, -55.5177

Protanopia

16.8399, 4.2545, -30.2326

Deuteranopia

16.8426, -0.8749, -19.1631



Tritanopia

17.2254, 0.5029, 0.2363

Trichromacy



Original Color

15.9667, 35.8363, -55.5177

Protanomaly

14.5380, 16.5201, -46.3627

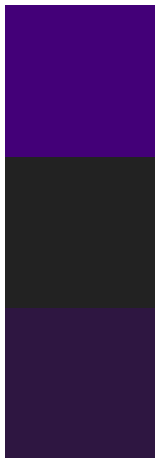
Deuteranomaly

14.2732, 12.8444, -37.9582

Tritanomaly

15.1868, 13.6393, -16.3908

Monochromacy



Original Color

15.9667, 35.8363, -55.5177

Achromatopsia

12.6476, -0.6748, 0.6872

Achromatomaly

12.3948, 12.4076, -16.0673

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 15.9667, 35.8363, -55.5177 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(67, 0, 120)` looks like.

```
.text, #text, p{  
    color:rgb(67, 0, 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(67, 0, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(67, 0, 120) }
```

Border

The CSS property to change the border of an element to HunterLab 15.9667, 35.8363, -55.5177 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(67, 0, 120) }
```


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

```
.border{ border-color:rgb(67, 0, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(67, 0, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(67, 0, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(67, 0, 120);  
box-shadow:4px 4px 4px 4px rgb(67, 0, 120)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 15.9667, 35.8363, -55.5177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(67, 0, 120) }
```

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

```
.background{ background-color: rgb(67, 0,  
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