

Converting Colors

HunterLab(16.5614, 12.1556,
-6.2432)

Have a look what the booklet for
HunterLab(16.5614, 12.1556,
-6.2432) contains.

HunterLab(16.5959, 11.9683, -6.3646)	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(16.5959, 11.9683,
-6.3646)**

Conversions

Conversions Part 1

Format	Color
Hex	43233F
RGB	67, 35, 63
RGB Percent	26%, 14%, 25%
CMY	0.7373, 0.8627, 0.7529
CMYK	0.00, 0.48, 0.06, 0.74
HSL	308°, 31%, 20%
HSV	308°, 48%, 26%
XYZ	3.8130, 2.7542, 5.0333
YIQ	47.7600, 10.0840, 15.4920

Conversions

Conversions Part 2

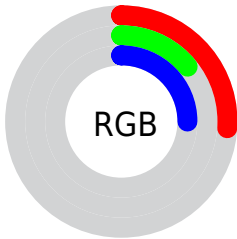
Format	Color
R_{YB}	67, 35, 63
Decimal	4399935
CIE Lab	19.03, 20.17, -11.38
CIE LCh	19, 23.154, 330.565
Yxy	2.7544, 0.3287, 0.2374
Android (android.graphics.Color)	4282590015 (0xFF43233F)
YUV	47.7600, 7.5133, 16.8735
Hunter-Lab	16.5959, 11.9683, -6.3646

Details

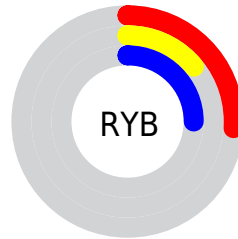
The HunterLab color **16.5959, 11.9683, -6.3646** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **21.2561, -11.4459, 7.5431**, and the grayscale version is **17.0861, -0.9117, 0.9283**.

A 20% lighter version of the original color is **32.7804, 13.5004, -6.7654**, and **4.9833, 9.6205, -5.2019** is the 20% darker color. If you saturate the color by 10%, you get **15.4525, 14.6730, -7.7978**, and if you desaturate by 10%, it is **17.8787, 9.1771, -4.8278**.

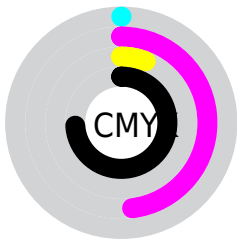
Distribution



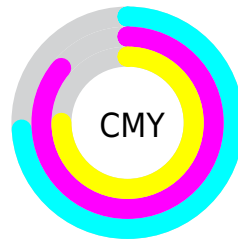
- Red (26%)
- Green (14%)
- Blue (25%)



- Red (26%)
- Yellow (14%)
- Blue (25%)



- Cyan (0%)
- Magenta (48%)
- Yellow (6%)
- Black (74%)



- Cyan (74%)
- Magenta (86%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 16.5959, 11.9683, -6.3646 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 16.5959, 11.9683, -6.3646 by changing the saturation by 10% instead.

■ 16.5959, 11.9683,
-6.3646

■ 16.5959, 11.9683,
-6.3646

■ 111.9038, 16.1417,
-5.9626

■ 10.0244, 10.8933,
-6.0409

■ 32.6765, 13.6293,
-6.7571

0.0000, INF, -NF

0.0000, NaN, NaN

■ 41.9763, 14.2598,
-6.8307

0.0000, NaN, NaN

■ 52.0215, 14.7813,
-6.8323

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 62.7605, 15.2074,
-6.7687

0.0000, NaN, NaN

■ 74.1512, 15.5487,
-6.6454

0.0000, NaN, NaN

■ 86.1580, 15.8137,

0.0000, NaN, NaN

-6.4674

98.7509, 16.0095,
-6.2387

16.5959, 11.9683,
-6.3646

16.5959, 11.9683,
-6.3646

15.4525, 14.6730,
-7.7978

17.8787, 9.1771,
-4.8278

14.4653, 17.1992,
-9.0697

19.2825, 6.3666,
-3.2328

13.6514, 19.4264,
-10.1095

20.7918, 3.5768,
-1.6097

13.0150, 21.2511,
-10.8625

22.3932, 0.8302,
0.0224

12.4086, 23.1039,
-11.5981

24.0750, -1.8628,
1.6518

■ 12.2686, 23.5525,
-11.7779

■ 25.8275, -4.4995,
3.2722

■ 27.6426, -7.0816,
4.8807

■ 29.5135, -9.6132,
6.4766

■ 31.4346, -12.0993,
8.0602

Harmonies

Analogous

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



16.5963, 6.2271, -13.5932



16.5959, 11.9683, -6.3646



16.5963, 14.1529, 1.0245

Triad

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



16.5963, 11.9677, -6.3641



16.5963, -1.0140, 9.2044



16.5963, -10.6315, -6.6631

Complementary

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



16.5959, 11.9683, -6.3646



21.2561, -11.4459, 7.5431

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.



16.5963, -11.9539, 0.7814



16.5959, 11.9683, -6.3646



16.5963, -6.9728, 8.4012

Square

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



16.5963, 11.9677, -6.3641



16.5963, 5.9706, 8.4582



16.5963, -10.7276, 5.8895



16.5963, -6.7841, -13.8088

Rectangle

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



16.5959, 11.9683, -6.3646



16.5963, 13.0651, 4.6749



16.5963, -10.7276, 5.8895



16.5963, -11.3558, -4.0338

Sweetspot

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



16.5963, 11.9677, -6.3641



27.6470, 3.5012, -1.4153



14.2604, 5.5975, -13.1930



13.9715, 1.9570, -0.8239



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.



16.5963, 11.9677, -6.3641



19.8481, 19.5875, -10.4011



16.1335, 9.7642, 0.1246



11.6377, 0.5390, -0.0513



17.8560, 34.2330, -16.7873



44.6236, 85.3859, -40.6731

Inverse Universe

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



16.5963, 11.9677, -6.3641



19.8481, 19.5875, -10.4011



21.5523, -9.6928, 3.2591



11.6377, 0.5390, -0.0513



17.8560, 34.2330, -16.7873



44.6236, 85.3859, -40.6731

Previews

White Background



This preview shows how the HunterLab color 16.5959, 11.9683, -6.3646 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

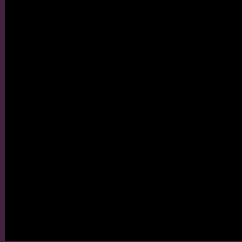
Any Text WCAG AA × Fail

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 16.5959, 11.9683, -6.3646 Background



This preview shows how black text looks on a background with the HunterLab color 16.5959, 11.9683, -6.3646.



This preview shows how white text looks on a background with the HunterLab color 16.5959, 11.9683, -6.3646.

-6.3646.

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

16.5959, 11.9683, -6.3646

Protanopia

16.8343, 1.7777, -11.1885

Deuteranopia

16.8119, 0.9242, -5.1943



Tritanopia

16.7804, 6.5335, 2.3791

Trichromacy



Original Color

16.5959, 11.9683, -6.3646

Protanomaly

16.5486, 5.2195, -9.8833

Deuteranomaly

16.5342, 4.6794, -6.0723

Tritanomaly

16.6576, 8.5217, -0.3271

Monochromacy



Original Color

16.5959, 11.9683, -6.3646

Achromatopsia

17.1921, -0.9173, 0.9341

Achromatomaly

16.7243, 3.6273, -1.5717

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 16.5959, 11.9683, -6.3646 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, 35, 63)` looks like.

```
.text, #text, p{  
    color:rgb(67, 35, 63)  
}
```

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, 35, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(67, 35, 63) }
```

Border

The CSS property to change the border of an element to HunterLab 16.5959, 11.9683, -6.3646 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, 35, 63) }
```


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

```
.border{ border-color:rgb(67, 35, 63) }
```

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

Here you see how a box with a 4 pixel `rgb(67, 35, 63)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(67, 35, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(67, 35, 63);  
box-shadow:4px 4px 4px 4px rgb(67, 35, 63)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 16.5959, 11.9683, -6.3646 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(67, 35, 63) }
```

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

```
.background{ background-color: rgb(67, 35,  
63) }
```

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