

Converting Colors

HunterLab(19.9833, 33.4355,
-16.5067)

Have a look what the booklet for
HunterLab(19.9833, 33.4355,
-16.5067) contains.

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Color

**HunterLab(19.9513, 33.5520,
-16.5316)**

Conversions

Conversions Part 1

Format	Color
Hex	670F5B
RGB	103, 15, 91
RGB Percent	40%, 6%, 36%
CMY	0.5961, 0.9412, 0.6431
CMYK	0.00, 0.85, 0.12, 0.60
HSL	308°, 75%, 23%
HSV	308°, 85%, 40%
XYZ	7.6527, 3.9805, 10.2625
YIQ	49.9760, 28.0520, 42.2920

Conversions

Conversions Part 2

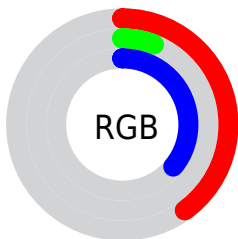
Format	Color
R_{YB}	103, 15, 91
Decimal	6754139
CIE _{Lab}	23.61, 45.18, -22.73
CIE _{LCh}	24, 50.578, 333.295
Yxy	3.9807, 0.3495, 0.1818
Android (android.graphics.Color)	4284944219 (0xFF670F5B)
YUV	49.9760, 20.2248, 46.5020
Hunter-Lab	19.9513, 33.5520, -16.5316




Details

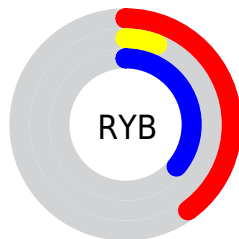
The HunterLab color **19.9513, 33.5520, -16.5316** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **31.4346, -25.2254, 16.9718**, and the grayscale version is **17.7804, -0.9487, 0.9660**.

A 20% lighter version of the original color is **36.8750, 36.9564, -17.1479**, and **9.7280, 18.6071, -8.8109** is the 20% darker color. If you saturate the color by 10%, you get **19.2797, 35.4484, -16.9691**, and if you desaturate by 10%, it is **20.9089, 30.8290, -15.5516**.

Distribution







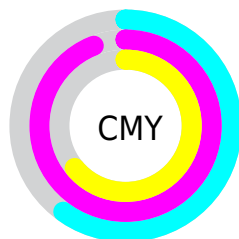
-  Red (40%)
-  Green (6%)
-  Blue (36%)






-  Red (40%)
-  Yellow (6%)
-  Blue (36%)



-  Cyan (0%)
-  Magenta (85%)
-  Yellow (12%)
-  Black (60%)



-  Cyan (60%)
-  Magenta (94%)
-  Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 19.9513, 33.5520, -16.5316 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 19.9513, 33.5520, -16.5316 by changing the saturation by 10% instead.

■ 19.9513, 33.5520,
-16.5316

■ 19.9513, 33.5520,
-16.5316

■ 118.1025, 46.3473,
-19.2831

■ 12.8949, 31.7459,
-16.1037

■ 36.8355, 37.1411,
-17.5192

■ 6.3197, 35.7976,
-18.6500

■ 46.4835, 38.7811,
-17.9524

0.0000, INF, -NF

■ 56.8519, 40.3033,
-18.3249

0.0000, NaN, NaN

■ 67.8939, 41.7118,
-18.6346

0.0000, NaN, NaN

■ 79.5705, 43.0134,
-18.8828

0.0000, NaN, NaN

■ 91.8490, 44.2154,

0.0000, NaN, NaN

-19.0717

0.0000, NaN, NaN

104.7012, 45.3245,
-19.2043

19.9513, 33.5520,
-16.5316

19.9513, 33.5520,
-16.5316

19.2797, 35.4484,
-16.9691

20.9089, 30.8290,
-15.5516

18.9844, 36.3065,
-17.1514

22.1954, 27.3006,
-14.0137

23.7915, 23.2044,
-12.0412

25.6670, 18.7696,
-9.7649

27.7880, 14.1763,
-7.2964

■ 30.1220, 9.5475,
-4.7186

■ 32.6397, 4.9577,
-2.0875

■ 35.3161, 0.4460,
0.5620

■ 38.1301, -3.9709,
3.2094

Harmonies

Analogous

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



19.9518, 18.2812, -40.7001



19.9513, 33.5520, -16.5316



19.9518, 38.7289, 2.6621

Triad

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



19.9518, 33.5508, -16.5307



19.9518, -2.7657, 13.9663



19.9518, -20.4992, -21.8778

Complementary

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



19.9513, 33.5520, -16.5316



31.4346, -25.2254, 16.9718

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.



19.9518, -23.0932, -0.6301



19.9513, 33.5520, -16.5316



19.9518, -15.0406, 13.9663

Square

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



19.9518, 33.5508, -16.5307



19.9518, 14.3342, 13.9663



19.9518, -21.4562, 10.1414



19.9518, -12.8655, -45.1269

Rectangle

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



19.9513, 33.5520, -16.5316



19.9518, 34.7677, 9.4126



19.9518, -21.4562, 10.1414



19.9518, -21.8611, -13.8707

Sweetspot

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



19.9518, 33.5508, -16.5307



39.8762, 13.5993, -6.7789



12.4521, 22.1340, -53.0386



19.3032, 7.4811, -3.7771



74.4461, -3.9723, 4.0448



24.3420, -1.2988, 1.3225

Same Dimension

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



19.9518, 33.5508, -16.5307



25.3793, 48.4974, -22.6269



18.5279, 28.1077, 3.2111



16.9792, 0.9909, -0.1781



21.2854, 40.6932, -19.1230



48.5134, 92.5913, -42.3758

Inverse Universe

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



19.9518, 33.5508, -16.5307



25.3793, 48.4974, -22.6269



32.0215, -21.6087, 8.3977



16.9792, 0.9909, -0.1781



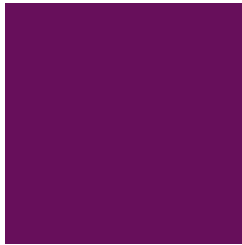
21.2854, 40.6932, -19.1230



48.5134, 92.5913, -42.3758

Previews

White Background



This preview shows how the HunterLab color 19.9513, 33.5520, -16.5316 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 19.9513, 33.5520, -16.5316 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

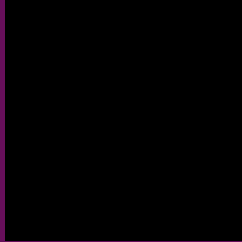
Any Text WCAG AA × Fail

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 19.9513, 33.5520, -16.5316 Background



This preview shows how black text looks on a background with the HunterLab color 19.9513, 33.5520, -16.5316.



This preview shows how white text looks on a background with the HunterLab color 19.9513, 33.5520, -16.5316.

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

19.9513, 33.5520, -16.5316

Protanopia

20.4558, 6.1255, -38.7912

Deuteranopia

20.7421, 1.2658, -12.3627



Tritanopia

20.3374, 18.0640, 6.9956

Trichromacy



Original Color

19.9513, 33.5520, -16.5316

Protanomaly

17.5594, 13.1475, -37.8016

Deuteranomaly

18.8515, 13.4459, -17.1856

Tritanomaly

19.8838, 23.6378, 0.3283

Monochromacy



Original Color

19.9513, 33.5520, -16.5316

Achromatopsia

17.8595, -0.9529, 0.9703

Achromatomaly

17.2337, 11.9960, -6.3760

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 19.9513, 33.5520, -16.5316 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(103, 15, 91)` looks like.

```
.text, #text, p{  
    color:rgb(103, 15, 91)  
}
```

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(103, 15, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 15, 91) }
```

Border

The CSS property to change the border of an element to HunterLab 19.9513, 33.5520, -16.5316 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(103, 15, 91) }
```


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

```
.border{ border-color:rgb(103, 15, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 15, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 15, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 15, 91);  
box-shadow:4px 4px 4px 4px rgb(103, 15,  
91) }
```

Background

The CSS property to change the background color of an element to HunterLab 19.9513, 33.5520, -16.5316 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 15, 91) }
```

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

```
.background{ background-color: rgb(103, 15,  
91) }
```

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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