

Converting Colors

HunterLab(16.0680, 19.5710,
-19.8850)

Have a look what the booklet for
HunterLab(16.0680, 19.5710,
-19.8850) contains.

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Color

**HunterLab(16.1005, 19.6586,
-19.8709)**

Conversions

Conversions Part 1

Format	Color
Hex	441A53
RGB	68, 26, 83
RGB Percent	27%, 10%, 33%
CMY	0.7333, 0.8980, 0.6745
CMYK	0.18, 0.69, 0.00, 0.67
HSL	284°, 52%, 21%
HSV	284°, 69%, 33%
XYZ	4.3146, 2.5923, 8.4566
YIQ	45.0560, 6.7350, 26.6310

Conversions

Conversions Part 2

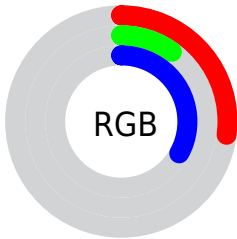
Format	Color
RYB	68, 26, 83
Decimal	4463187
CIELab	18.33, 30.38, -26.14
CIElCh	18, 40.081, 319.295
Yxy	2.5924, 0.2808, 0.1687
Android (android.graphics.Color)	4282653267 (0xFF441A53)
YUV	45.0560, 18.7064, 20.1219
Hunter-Lab	16.1005, 19.6586, -19.8709

Details

The HunterLab color **16.1005, 19.6586, -19.8709** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **25.9472, -16.5540, 13.4654**, and the grayscale version is **16.1567, -0.8621, 0.8778**.

A 20% lighter version of the original color is **32.1093, 22.1223, -20.8016**, and **5.7804, 12.3200, -15.0311** is the 20% darker color. If you saturate the color by 10%, you get **14.8305, 22.2783, -23.1886**, and if you desaturate by 10%, it is **17.5923, 16.7110, -16.4479**.

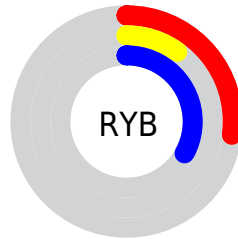
Distribution



Red (27%)

Green (10%)

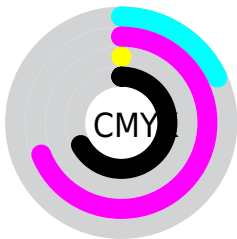
Blue (33%)



Red (27%)

Yellow (10%)

Blue (33%)

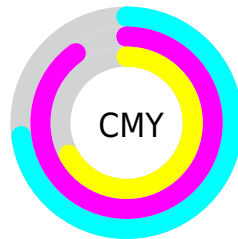


Cyan (18%)

Magenta (69%)

Yellow (0%)

Black (67%)



Cyan (73%)

Magenta (90%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 16.1005, 19.6586, -19.8709 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 16.1005, 19.6586, -19.8709 by changing the saturation by 10% instead.

■ 16.1005, 19.6586,
-19.8709

■ 16.1005, 19.6586,
-19.8709

■ 110.9644, 27.9448,
-23.4907

■ 9.6064, 18.1530,
-19.7936

■ 32.0544, 22.3211,
-20.8619

0.0000, INF, -NF

0.0000, NaN, -NF

■ 41.2997, 23.4441,
-21.3934

0.0000, NaN, NaN

■ 51.2945, 24.4420,
-21.8839

0.0000, NaN, NaN

■ 61.9864, 25.3274,
-22.3207

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 73.3325, 26.1116,
-22.6994

0.0000, NaN, NaN

■ 85.2972, 26.8041,

0.0000, NaN, NaN

-23.0198

97.8500, 27.4128,
-23.2829

16.1005, 19.6586,
-19.8709

16.1005, 19.6586,
-19.8709

14.8305, 22.2783,
-23.1886

17.5923, 16.7110,
-16.4479

13.8070, 24.3692,
-26.2078

19.2754, 13.5976,
-13.0570

12.8640, 26.4071,
-29.3292

21.1223, 10.4256,
-9.7735

12.7345, 26.7123,
-29.7874

23.1087, 7.2587,
-6.6303

25.2144, 4.1300,
-3.6340

■ 27.4229, 1.0536,
-0.7773

■ 29.7207, -1.9670,
1.9537

■ 32.0970, -4.9344,
4.5747

■ 34.5430, -7.8537,
7.1012

Harmonies

Analogous

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



16.1008, 7.1505, -34.5025



16.1005, 19.6586, -19.8709



16.1008, 27.2698, -3.5597

Triad

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



16.1008, 19.6582, -19.8702



16.1008, 3.4740, 11.2706



16.1008, -16.9104, -7.7782

Complementary

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



16.1005, 19.6586, -19.8709



25.9472, -16.5540, 13.4654

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.



16.1008, -17.3805, 4.3259



16.1005, 19.6586, -19.8709



16.1008, -7.5576, 11.2706

Square

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



16.1008, 19.6582, -19.8702



16.1008, 16.3234, 10.9562



16.1008, -14.4681, 9.8633



16.1008, -12.9293, -24.7530

Rectangle

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



16.1005, 19.6586, -19.8709



16.1008, 27.4220, 3.9275



16.1008, -14.4681, 9.8633



16.1008, -17.4315, -2.9206

Sweetspot

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



16.1008, 19.6582, -19.8702



32.0569, 6.6214, -5.9086



15.6333, 4.4669, -21.3255



15.7146, 3.5811, -3.2135



67.9972, -3.6282, 3.6944



19.0543, -1.0167, 1.0353

Same Dimension

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



16.1008, 19.6582, -19.8702



18.5018, 30.8326, -32.7229



17.3675, 21.3331, -8.5371



13.8207, 0.5352, -0.3955



16.0935, 33.8406, -38.2816



38.0596, 80.4933, -94.1270

Inverse Universe

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



16.5468, 17.8286, 2.9910



19.4350, 27.8734, 5.6694



25.6021, -17.6785, 10.9604



13.8264, 0.4092, 0.7383



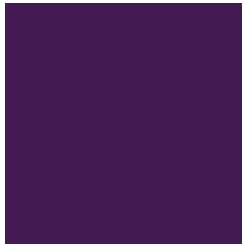
17.4860, 30.4115, 7.6850



41.8351, 72.4510, 20.7771

Previews

White Background



This preview shows how the HunterLab color 16.1005, 19.6586, -19.8709 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

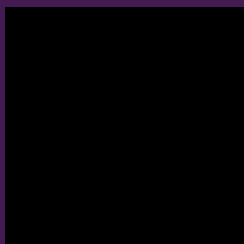
Any Text WCAG AA × Fail

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 16.1005, 19.6586, -19.8709 Background



This preview shows how black text looks on a background with the HunterLab color 16.1005, 19.6586, -19.8709.



This preview shows how white text looks on a background with the HunterLab color 16.1005, 19.6586, -19.8709.

-19.8709.

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

16.1005, 19.6586, -19.8709

Protanopia

16.1540, 4.0079, -28.8431

Deuteranopia

16.3002, 0.5693, -16.8522



Tritanopia

16.2553, 5.9244, 2.1305

Trichromacy



Original Color

16.1005, 19.6586, -19.8709

Protanomaly

15.0599, 8.1121, -28.6598

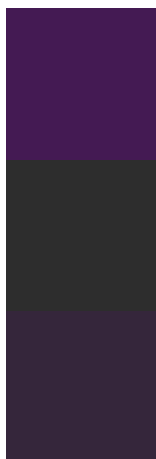
Deuteranomaly

15.5677, 6.4258, -19.1992

Tritanomaly

15.9042, 10.6066, -4.4446

Monochromacy



Original Color

16.1005, 19.6586, -19.8709

Achromatopsia

16.1991, -0.8643, 0.8801

Achromatomaly

15.6808, 6.1477, -5.8747

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 16.1005, 19.6586, -19.8709 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(68, 26, 83)` looks like.

```
.text, #text, p{  
    color:rgb(68, 26, 83)  
}
```

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(68, 26, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(68, 26, 83) }
```

Border

The CSS property to change the border of an element to HunterLab 16.1005, 19.6586, -19.8709 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(68, 26, 83) }
```


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

```
.border{ border-color:rgb(68, 26, 83) }
```

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

Here you see how a box with a 4 pixel rgb(68, 26, 83) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(68, 26, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(68, 26, 83);  
box-shadow:4px 4px 4px 4px rgb(68, 26, 83)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 16.1005, 19.6586, -19.8709 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(68, 26, 83) }
```

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

```
.background{ background-color: rgb(68, 26,  
83) }
```

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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