

Converting Colors

HunterLab(16.0710, 20.3322,
-9.7904)

Have a look what the booklet for
HunterLab(16.0710, 20.3322,
-9.7904) contains.

HunterLab(16.1491, 20.4879, -9.7687)	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(16.1491, 20.4879,
-9.7687)**

Conversions

Conversions Part 1

Format	Color
Hex	4D1744
RGB	77, 23, 68
RGB Percent	30%, 9%, 27%
CMY	0.6980, 0.9098, 0.7333
CMYK	0.00, 0.70, 0.12, 0.70
HSL	310°, 54%, 20%
HSV	310°, 70%, 30%
XYZ	4.4104, 2.6079, 5.7398
YIQ	44.2760, 17.7390, 25.4430

Conversions

Conversions Part 2

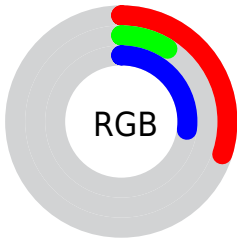
Format	Color
R_{YB}	77, 23, 68
Decimal	5052228
CIE _{Lab}	18.40, 31.40, -15.68
CIE _{LCh}	18, 35.094, 333.461
Yxy	2.6081, 0.3457, 0.2044
Android (android.graphics.Color)	4283242308 (0xFF4D1744)
YUV	44.2760, 11.6959, 28.6989
Hunter-Lab	16.1491, 20.4879, -9.7687

Details

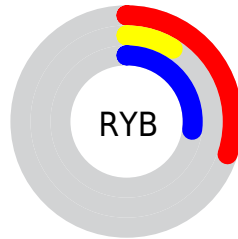
The HunterLab color **16.1491, 20.4879, -9.7687** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **23.6523, -16.7279, 10.8556**, and the grayscale version is **15.9202, -0.8495, 0.8650**.

A 20% lighter version of the original color is **32.1817, 23.0416, -10.2076**, and **6.2731, 11.8617, -4.6194** is the 20% darker color. If you saturate the color by 10%, you get **15.2641, 22.8754, -10.6476**, and if you desaturate by 10%, it is **17.2497, 17.6816, -8.5723**.

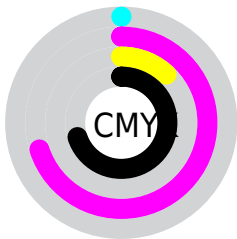
Distribution



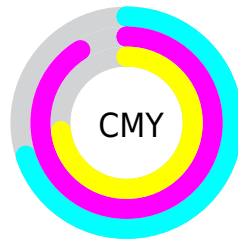
- Red (30%)
- Green (9%)
- Blue (27%)



- Red (30%)
- Yellow (9%)
- Blue (27%)



- Cyan (0%)
- Magenta (70%)
- Yellow (12%)
- Black (70%)



- Cyan (70%)
- Magenta (91%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 16.1491, 20.4879, -9.7687 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 16.1491, 20.4879, -9.7687 by changing the saturation by 10% instead.

■ 16.1491, 20.4879,
-9.7687

■ 16.1491, 20.4879,
-9.7687

■ 111.0570, 29.1409,
-10.8563

■ 9.6474, 18.9537,
-9.3567

■ 32.1156, 23.2325,
-10.4850

0.0000, INF, -NF

0.0000, NaN, NaN

■ 41.3662, 24.3988,
-10.7346

0.0000, NaN, NaN

■ 51.3660, 25.4396,
-10.9111

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 62.0626, 26.3669,
-11.0190

0.0000, NaN, NaN

■ 73.4132, 27.1919,
-11.0632

0.0000, NaN, NaN

■ 85.3820, 27.9241,

0.0000, NaN, NaN

-11.0482

97.9387, 28.5714,
-10.9781

16.1491, 20.4879,
-9.7687

16.1491, 20.4879,
-9.7687

15.2641, 22.8754,
-10.6476

17.2497, 17.6816,
-8.5723

14.5929, 24.7341,
-11.1621

18.5454, 14.6134,
-7.1427

13.9637, 26.5777,
-11.6309

20.0144, 11.4089,
-5.5538

21.6348, 8.1582,
-3.8640

23.3865, 4.9186,
-2.1153

■ 25.2522, 1.7225,
-0.3357

■ 27.2169, -1.4143,
1.4574

■ 29.2684, -4.4869,
3.2534

■ 31.3963, -7.4963,
5.0466

Harmonies

Analogous

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



16.1495, 11.3246, -23.4349



16.1491, 20.4879, -9.7687



16.1495, 23.5049, 1.9569

Triad

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



16.1495, 20.4870, -9.7681



16.1495, -2.0204, 11.3046



16.1495, -14.0987, -13.0158

Complementary

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



16.1491, 20.4879, -9.7687



23.6523, -16.7279, 10.8556

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.



16.1495, -16.0549, -0.2787



16.1491, 20.4879, -9.7687



16.1495, -10.2502, 10.6764

Square

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



16.1495, 20.4870, -9.7681



16.1495, 8.7811, 11.2203



16.1495, -14.8418, 7.1543



16.1495, -8.6679, -25.9876

Rectangle

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



16.1491, 20.4879, -9.7687



16.1495, 21.1382, 6.6476



16.1495, -14.8418, 7.1543



16.1495, -15.1143, -8.3608

Sweetspot

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



16.1495, 20.4870, -9.7681



30.0857, 7.0930, -3.1308



12.0658, 12.0490, -26.8558



15.2538, 3.9432, -1.7722



66.9319, -3.5713, 3.6365



18.1947, -0.9708, 0.9886

Same Dimension

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



16.1495, 20.4870, -9.7681



19.2622, 31.5258, -14.3711



15.3324, 17.0278, 1.6329



13.1255, 0.6452, -0.0367



18.6565, 35.4651, -15.1949



45.2911, 85.8916, -35.3002

Inverse Universe

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



16.1495, 20.4870, -9.7681



19.2622, 31.5258, -14.3711



24.0952, -14.0397, 4.4198



13.1255, 0.6452, -0.0367



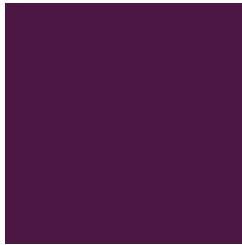
18.6565, 35.4651, -15.1949



45.2911, 85.8916, -35.3002

Previews

White Background



This preview shows how the HunterLab color 16.1491, 20.4879, -9.7687 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

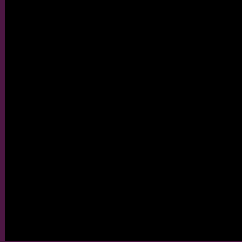
Any Text WCAG AA × Fail

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 16.1491, 20.4879, -9.7687 Background



This preview shows how black text looks on a background with the HunterLab color 16.1491, 20.4879, -9.7687.



This preview shows how white text looks on a background with the HunterLab color 16.1491, 20.4879, -9.7687.

-9.7687.

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

16.1491, 20.4879, -9.7687

Protanopia

16.6105, 3.5505, -21.8875

Deuteranopia

16.6936, 0.7922, -7.4616



Tritanopia

16.3245, 11.5754, 4.4866

Trichromacy



Original Color

16.1491, 20.4879, -9.7687

Protanomaly

15.5432, 8.4667, -19.2242

Deuteranomaly

15.9263, 7.3743, -9.2454

Tritanomaly

16.0618, 14.7237, 0.2277

Monochromacy



Original Color

16.1491, 20.4879, -9.7687

Achromatopsia

15.8704, -0.8468, 0.8623

Achromatomaly

15.3608, 6.8687, -3.4150

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 16.1491, 20.4879, -9.7687 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(77, 23, 68)` looks like.

```
.text, #text, p{  
    color:rgb(77, 23, 68)  
}
```

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(77, 23, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 23, 68) }
```

Border

The CSS property to change the border of an element to HunterLab 16.1491, 20.4879, -9.7687 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(77, 23, 68) }
```


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

```
.border{ border-color:rgb(77, 23, 68) }
```

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

Here you see how a box with a 4 pixel `rgb(77, 23, 68)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 23, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 23, 68);  
box-shadow:4px 4px 4px 4px rgb(77, 23, 68)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 16.1491, 20.4879, -9.7687 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 23, 68) }
```

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

```
.background{ background-color: rgb(77, 23,  
68) }
```

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