

Converting Colors

HunterLab(18.8309, 16.2626,
-31.9137)

Have a look what the booklet for
HunterLab(18.8309, 16.2626,
-31.9137) contains.

HunterLab(18.8334, 16.2479, -31.9009)	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(18.8334, 16.2479,
-31.9009)**

Conversions

Conversions Part 1

Format	Color
Hex	3A296B
RGB	58, 41, 107
RGB Percent	23%, 16%, 42%
CMY	0.7725, 0.8392, 0.5804
CMYK	0.46, 0.62, 0.00, 0.58
HSL	255°, 45%, 29%
HSV	255°, 62%, 42%
XYZ	5.1917, 3.5470, 14.3210
YIQ	53.6070, -11.0540, 24.1300

Conversions

Conversions Part 2

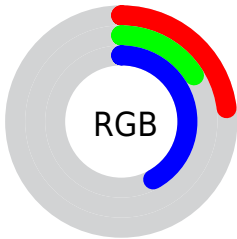
Format	Color
R_{YB}	58, 41, 107
Decimal	3811691
CIE _{Lab}	22.11, 25.43, -36.00
CIE _{LCh}	22, 44.074, 305.239
Yxy	3.5471, 0.2251, 0.1538
Android (android.graphics.Color)	4282001771 (0xFF3A296B)
YUV	53.6070, 26.3227, 3.8527
Hunter-Lab	18.8334, 16.2479, -31.9009

Details

The HunterLab color **18.8334, 16.2479, -31.9009** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **35.8458, -13.5592, 18.3806**, and the grayscale version is **18.9904, -1.0133, 1.0318**.

A 20% lighter version of the original color is **35.4553, 18.3687, -32.6821**, and **6.1668, 15.6811, -35.7066** is the 20% darker color. If you saturate the color by 10%, you get **16.3859, 19.7361, -39.8889**, and if you desaturate by 10%, it is **21.5576, 12.8799, -24.7478**.

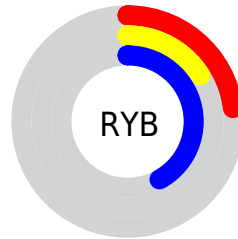
Distribution



Red (23%)

Green (16%)

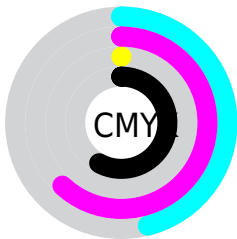
Blue (42%)



Red (23%)

Yellow (16%)

Blue (42%)

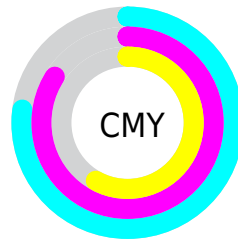


Cyan (46%)

Magenta (62%)

Yellow (0%)

Black (58%)



Cyan (77%)

Magenta (84%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 18.8334, 16.2479, -31.9009 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 18.8334, 16.2479, -31.9009 by changing the saturation by 10% instead.

■ 18.8334, 16.2479,
-31.9009

■ 18.8334, 16.2479,
-31.9009

■ 116.0665, 22.2778,
-36.6100

■ 11.9314, 14.9684,
-32.4107

■ 35.4594, 18.3519,
-32.6684

■ 4.8374, 22.6488,
-47.3005

■ 44.9951, 19.2012,
-33.2865

0.0000, NaN, -NF

■ 55.2592, 19.9363,
-33.9240

0.0000, NaN, -NF

■ 66.2032, 20.5702,
-34.5446

0.0000, NaN, NaN

■ 77.7872, 21.1132,
-35.1303

0.0000, NaN, NaN

■ 89.9776, 21.5743,

0.0000, NaN, NaN

0.0000, NaN, NaN

-35.6722

0.0000, NaN, NaN

102.7457, 21.9604,
-36.1659

18.8334, 16.2479,
-31.9009

18.8334, 16.2479,
-31.9009

16.3859, 19.7361,
-39.8889

21.5576, 12.8799,
-24.7478

14.2918, 23.1570,
-48.4945

24.4990, 9.6874,
-18.3978

12.6403, 26.1162,
-56.9999

27.6157, 6.6673,
-12.7310

11.4119, 28.8450,
-64.7322

30.8769, 3.7962,
-7.6175

34.2601, 1.0464,
-2.9433

■ 37.7483, -1.6075,
1.3842

■ 41.3288, -4.1867,
5.4381

■ 44.9916, -6.7086,
9.2755

■ 48.7285, -9.1869,
12.9405

Harmonies

Analogous

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



18.8337, 1.4003, -43.2306



18.8334, 16.2479, -31.9009



18.8337, 28.4981, -12.3691

Triad

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



18.8337, 16.2481, -31.9002



18.8337, 11.0210, 13.1836



18.8337, -20.3831, -1.3483

Complementary

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



18.8334, 16.2479, -31.9009



35.8458, -13.5592, 18.3806

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.



18.8337, -19.1317, 8.6627



18.8334, 16.2479, -31.9009



18.8337, -3.2971, 13.1836

Square

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



18.8337, 16.2481, -31.9002



18.8337, 24.9374, 10.3891



18.8337, -13.6661, 12.7149



18.8337, -17.7442, -19.2575

Rectangle

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



18.8334, 16.2479, -31.9009



18.8337, 32.0851, -1.1205



18.8337, -13.6661, 12.7149



18.8337, -20.3931, 2.9447

Sweetspot

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



18.8337, 16.2481, -31.9002



42.2759, 4.2781, -8.8068



29.8832, -8.8886, -9.3401



20.3139, 2.5106, -5.0348



75.5302, -4.0301, 4.1037



25.2436, -1.3469, 1.3715

Same Dimension

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



18.8337, 16.2481, -31.9002



20.6259, 28.4632, -58.3903



22.0144, 24.0075, -23.4777



17.4910, 0.1572, -0.8627



12.5328, 31.7668, -71.7767



27.6390, 71.1401, -166.6927

Inverse Universe

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



23.3451, 25.6817, -9.7310



28.4450, 41.2891, -14.6310



34.0003, -20.7874, 16.9286



17.7517, 0.9699, 0.0372



21.1948, 39.5498, -11.5210



47.6898, 88.7295, -23.9060

Previews

White Background



This preview shows how the HunterLab color 18.8334, 16.2479, -31.9009 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 18.8334, 16.2479, -31.9009 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

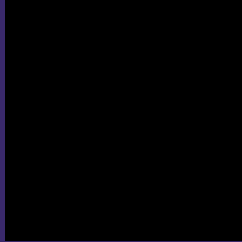
Any Text WCAG AA × Fail

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 18.8334, 16.2479, -31.9009 Background



This preview shows how black text looks on a background with the HunterLab color 18.8334, 16.2479, -31.9009.



This preview shows how white text looks on a background with the HunterLab color 18.8334, 16.2479, -31.9009.

-31.9009.

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

18.8334, 16.2479, -31.9009

Protanopia

18.6327, 5.1774, -34.4657

Deuteranopia

18.6133, -0.1141, -23.0187



Tritanopia

18.9896, -2.7968, -1.2665

Trichromacy



Original Color

18.8334, 16.2479, -31.9009

Protanomaly

18.0974, 8.1037, -35.1866

Deuteranomaly

18.0469, 4.6157, -27.5800

Tritanomaly

18.6578, 3.3259, -10.1729

Monochromacy



Original Color

18.8334, 16.2479, -31.9009

Achromatopsia

19.2066, -1.0248, 1.0435

Achromatomaly

18.6812, 4.3475, -8.4179

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 18.8334, 16.2479, -31.9009 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(58, 41, 107)` looks like.

```
.text, #text, p{  
    color:rgb(58, 41, 107)  
}
```

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(58, 41, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 41, 107) }
```

Border

The CSS property to change the border of an element to HunterLab 18.8334, 16.2479, -31.9009 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(58, 41, 107) }
```


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

```
.border{ border-color:rgb(58, 41, 107) }
```

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

Here you see how a box with a 4 pixel rgb(58, 41, 107) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(58, 41, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(58, 41, 107);  
box-shadow:4px 4px 4px 4px rgb(58, 41,  
107) }
```

Background

The CSS property to change the background color of an element to HunterLab 18.8334, 16.2479, -31.9009 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(58, 41, 107) }
```

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

```
.background{ background-color: rgb(58, 41,  
107) }
```

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