

Converting Colors

HunterLab(23.8633, 27.1679,
-61.9109)

Have a look what the booklet for
HunterLab(23.8633, 27.1679,
-61.9109) contains.

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Color

**HunterLab(23.8474, 27.0899,
-61.9297)**

Conversions

Conversions Part 1

Format	Color
Hex	41319B
RGB	65, 49, 155
RGB Percent	25%, 19%, 61%
CMY	0.7451, 0.8078, 0.3922
CMYK	0.58, 0.68, 0.00, 0.39
HSL	249°, 52%, 40%
HSV	249°, 68%, 61%
XYZ	9.1947, 5.6870, 31.6234
YIQ	65.8680, -24.4900, 36.3580

Conversions

Conversions Part 2

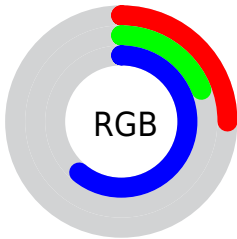
Format	Color
R _Y B	65, 49, 155
Decimal	4272539
CIE Lab	28.61, 37.25, -55.54
CIE LCh	29, 66.872, 303.851
Yxy	5.6871, 0.1977, 0.1223
Android (android.graphics.Color)	4282462619 (0xFF41319B)
YUV	65.8680, 43.9421, -0.7612
Hunter-Lab	23.8474, 27.0899, -61.9297

Details

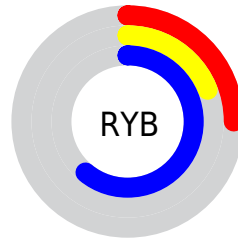
The HunterLab color $[23.8474, 27.0899, -61.9297]$ is a dark color, and the websafe version is hex 333399 . A complement of this color would be $[53.9936, -18.7083, 29.7524]$, and the grayscale version is $[23.1525, -1.2354, 1.2579]$.

A 20% lighter version of the original color is $[41.6415, 29.7210, -60.6348]$, and $[10.4298, 24.5757, -66.0882]$ is the 20% darker color. If you saturate the color by 10%, you get $[20.5138, 32.6893, -76.4150]$, and if you desaturate by 10%, it is $[27.7788, 21.6429, -48.6915]$.

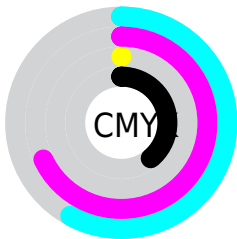
Distribution



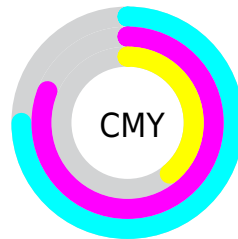
- Red (25%)
- Green (19%)
- Blue (61%)



- Red (25%)
- Yellow (19%)
- Blue (61%)



- Cyan (58%)
- Magenta (68%)
- Yellow (0%)
- Black (39%)














- Cyan (75%)
- Magenta (81%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 23.8474, 27.0899, -61.9297 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 23.8474, 27.0899, -61.9297 by changing the saturation by 10% instead.

 23.8474, 27.0899, -61.9297	 23.8474, 27.0899, -61.9297
 125.0041, 36.8497, -66.0962	 16.2966, 25.4442, -64.3092
 41.5674, 30.0334, -61.2078	 9.7713, 23.7949, -70.8062
 51.5822, 31.3142, -61.6222	0.0000, INF, -NF
 62.2928, 32.4780, -62.2430	0.0000, NaN, -NF
 73.6566, 33.5343, -62.9706	0.0000, NaN, -NF
 85.6380, 34.4921, -63.7480	0.0000, NaN, NaN
 98.2067, 35.3594,	0.0000, NaN, NaN

-64.5409

0.0000, NaN, NaN

111.3364, 36.1433,
-65.3281

■ 23.8474, 27.0899,
-61.9297

■ 23.8474, 27.0899,
-61.9297

■ 20.5138, 32.6893,
-76.4150

■ 27.7788, 21.6429,
-48.6915

■ 17.9565, 37.7385,
-90.6668

■ 32.1629, 16.5929,
-37.0565

■ 16.2303, 41.5164,
-102.5544

■ 36.8963, 11.9618,
-26.8870

■ 15.9797, 42.1751,
-104.4740

■ 41.9071, 7.6926,
-17.9159

■ 47.1445, 3.7133,
-9.8843

■ 52.5723, -0.0409,
-2.5789

■ 58.1640, -3.6226,
4.1661

■ 63.8993, -7.0730,
10.4771

■ 69.7629, -10.4238,
16.4499

Harmonies

Analogous

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



23.8477, 1.6284, -83.5763



23.8474, 27.0899, -61.9297



23.8477, 49.6808, -24.0464

Triad

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



23.8477, 27.0908, -61.9289



23.8477, 20.3271, 16.6934



23.8477, -30.4677, -1.5598

Complementary

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



23.8474, 27.0899, -61.9297



53.9936, -18.7083, 29.7524

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.



23.8477, -28.5683, 13.0803



23.8474, 27.0899, -61.9297



23.8477, -4.0434, 16.6934

Square

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



23.8477, 27.0908, -61.9289



23.8477, 44.8850, 14.5945



23.8477, -20.5272, 16.6934



23.8477, -27.1808, -33.6539

Rectangle

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



23.8474, 27.0899, -61.9297



23.8477, 56.8831, -3.4160



23.8477, -20.5272, 16.6934



23.8477, -30.4046, 5.2111

Sweetspot

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



23.8477, 27.0908, -61.9289



60.9436, 6.5433, -16.3617



46.3830, -17.9404, -11.3729



28.1391, 3.7576, -9.0812



88.7363, -4.7347, 4.8212



36.4511, -1.9449, 1.9805

Same Dimension

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



23.8477, 27.0908, -61.9289



25.5233, 47.4497, -112.4514



28.9961, 38.3488, -44.8703



24.6351, 0.1242, -1.4940



14.3603, 37.8288, -93.3263



2.0209, 4.8670, -9.5944

Inverse Universe

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



33.2102, 45.4870, -22.3447



41.1246, 70.1140, -33.0305



50.6436, -31.7996, 27.2478



25.1150, 1.6858, -0.3559



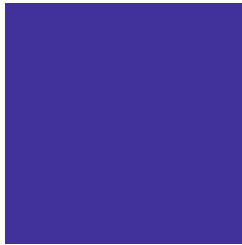
26.3266, 50.1509, -22.2578



3.2777, 6.3381, -3.5006

Previews

White Background



This preview shows how the HunterLab color 23.8474, 27.0899, -61.9297 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 23.8474, 27.0899, -61.9297 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

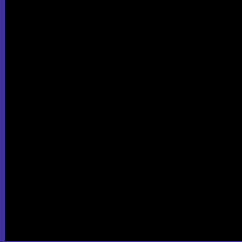
Any Text WCAG AA × Fail

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 23.8474, 27.0899, -61.9297 Background



This preview shows how black text looks on a background with the HunterLab color 23.8474, 27.0899, -61.9297.



This preview shows how white text looks on a background with the HunterLab color 23.8474, 27.0899, -61.9297.

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

23.8474, 27.0899, -61.9297

Protanopia

23.6972, 7.3237, -45.4293

Deuteranopia

23.5887, -0.4314, -28.5525



Tritanopia

23.8111, -8.2836, -3.8917

Trichromacy



Original Color

23.8474, 27.0899, -61.9297

Protanomaly

23.0992, 13.4736, -53.2557

Deuteranomaly

22.9742, 7.9359, -41.1196

Tritanomaly

22.9918, 3.0034, -21.6502

Monochromacy



Original Color

23.8474, 27.0899, -61.9297

Achromatopsia

23.3410, -1.2454, 1.2682

Achromatomaly

22.9604, 6.9874, -15.5684

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 23.8474, 27.0899, -61.9297 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(65, 49, 155)` looks like.

```
.text, #text, p{  
    color:rgb(65, 49, 155)  
}
```

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(65, 49, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 49, 155) }
```

Border

The CSS property to change the border of an element to HunterLab 23.8474, 27.0899, -61.9297 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(65, 49, 155) }
```


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

```
.border{ border-color:rgb(65, 49, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(65, 49, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 49, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(65, 49, 155);  
box-shadow:4px 4px 4px 4px rgb(65, 49,  
155) }
```

Background

The CSS property to change the background color of an element to HunterLab 23.8474, 27.0899, -61.9297 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 49, 155) }
```

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

```
.background{ background-color: rgb(65, 49,  
155) }
```

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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