

Converting Colors

HunterLab(19.3075, 27.5445,
-83.5933)

Have a look what the booklet for
HunterLab(19.3075, 27.5445,
-83.5933) contains.

| | |
|--|----|
| HunterLab(19.2962, 27.8616, -84.2637) | 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(19.2962, 27.8616,
-84.2637)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 00259C |
| RGB | 0, 37, 156 |
| RGB Percent | 0%, 15%, 61% |
| CMY | 0.9999, 0.8549, 0.3882 |
| CMYK | 1.00, 0.76, 0.00, 0.39 |
| HSL | 226°, 100%, 31% |
| HSV | 226°, 100%, 61% |
| XYZ | 6.6623, 3.7234, 31.8200 |
| YIQ | 39.5030, -60.2510, 29.1650 |

Conversions

Conversions Part 2

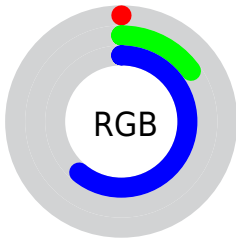
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 0, 30, 156 |
| Decimal | 9628 |
| CIELab | 22.74, 39.20, -65.94 |
| CIELCh | 23, 76.708, 300.730 |
| Yxy | 3.7235, 0.1579, 0.0882 |
| Android (android.graphics.Color) | 4278199708 (0xFF00259C) |
| YUV | 39.5030, 57.4330, -34.6441 |
| Hunter-Lab | 19.2962, 27.8616, -84.2637 |

Details

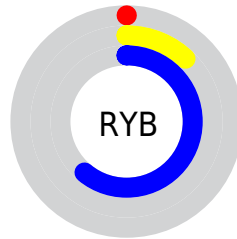
The HunterLab color **19.2962, 27.8616, -84.2637** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **45.0204, 1.7434, 27.7709**, and the grayscale version is **14.2426, -0.7600, 0.7738**.

A 20% lighter version of the original color is **36.1439, 31.0592, -79.3599**, and **9.8958, 26.8424, -70.3140** is the 20% darker color. If you saturate the color by 10%, you get **19.2927, 27.8728, -84.2836**, and if you desaturate by 10%, it is **21.6690, 22.2320, -72.3179**.

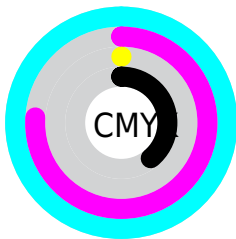
Distribution



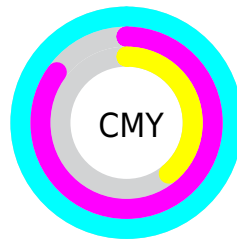
- Red (0%)
- Green (15%)
- Blue (61%)



- Red (0%)
- Yellow (12%)
- Blue (61%)



- Cyan (100%)
- Magenta (76%)
- Yellow (0%)
- Black (39%)



- Cyan (100%)
- Magenta (85%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 19.2962, 27.8616, -84.2637 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 19.2962, 27.8616, -84.2637 by changing the saturation by 10% instead.

■ 19.2962, 27.8616,
-84.2637

■ 19.2962, 27.8616,
-84.2637

■ 116.9122, 38.8295,
-82.8613

■ 12.3293, 26.1488,
-92.1660

■ 36.0298, 31.0913,
-79.4770

■ 5.5029, 32.9408,
-135.1816

■ 45.6124, 32.5215,
-79.0858

0.0000, INF, -NF

■ 55.9201, 33.8296,
-79.2482

0.0000, NaN, -NF

■ 66.9049, 35.0237,
-79.7290

0.0000, NaN, -NF

■ 78.5275, 36.1129,
-80.3960

0.0000, NaN, NaN

■ 90.7547, 37.1053,

0.0000, NaN, NaN

-81.1702

0.0000, NaN, NaN

103.5578, 38.0087,
-82.0026

19.2962, 27.8616,
-84.2637

19.2962, 27.8616,
-84.2637

19.2927, 27.8728,
-84.2836

21.6690, 22.2320,
-72.3179

24.5184, 17.0154,
-60.6520

27.7972, 12.5404,
-49.7387

31.4221, 8.8160,
-39.8311

35.3270, 5.7548,
-30.9184

■ 39.4617, 3.2462,
-22.8836

■ 43.7885, 1.1869,
-15.5841

■ 48.2786, -0.5097,
-8.8862

■ 52.9103, -1.9132,
-2.6754

Harmonies

Analogous

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



19.2963, -0.4523, -110.0354



19.2962, 27.8616, -84.2637



19.2963, 56.2139, -33.9278

Triad

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



19.2963, 27.8637, -84.2635



19.2963, 26.3577, 13.5074



19.2963, -28.9597, 0.4953

Complementary

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



19.2962, 27.8616, -84.2637



45.0204, 1.7434, 27.7709

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.



19.2963, -26.7495, 13.1434



19.2962, 27.8616, -84.2637



19.2963, -1.6023, 13.5074

Square

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



19.2963, 27.8637, -84.2635



19.2963, 55.0903, 13.5071



19.2963, -19.0986, 13.5074



19.2963, -26.5288, -36.2757

Rectangle

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



19.2962, 27.8616, -84.2637



19.2963, 66.7479, -7.2223



19.2963, -19.0986, 13.5074



19.2963, -28.7349, 6.7644

Sweetspot

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



19.2963, 27.8637, -84.2635



58.6509, 1.7539, -21.5781



50.0617, -33.7669, 10.3222



26.4351, 1.3061, -11.8814



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.



19.2963, 27.8637, -84.2635



25.5005, 39.1669, -116.4235



16.8303, 43.0752, -99.6770



25.8416, -0.9731, -1.0872



17.6425, 24.8790, -75.7582



3.3776, 0.8403, -6.0356

Inverse Universe

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



26.8367, 46.4509, 13.4834



36.1299, 62.4724, 18.7045



52.4971, -26.4990, 31.8837



25.8276, 1.0675, 1.4561



24.3648, 42.1959, 12.0972



3.3473, 5.9698, 0.3224

Previews

White Background



This preview shows how the HunterLab color 19.2962, 27.8616, -84.2637 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 19.2962, 27.8616, -84.2637 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

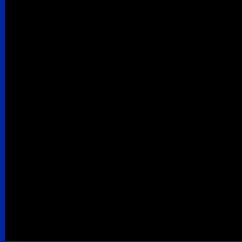
Any Text WCAG AA × Fail

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 19.2962, 27.8616, -84.2637 Background



This preview shows how black text looks on a background with the HunterLab color 19.2962, 27.8616, -84.2637.



This preview shows how white text looks on a background with the HunterLab color 19.2962, 27.8616, -84.2637.

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

19.2962, 27.8616, -84.2637

Protanopia

19.2771, 5.1349, -35.1794

Deuteranopia

19.3713, -1.3842, -21.2244



Tritanopia

19.2553, -9.6484, -3.2393

Trichromacy



Original Color

19.2962, 27.8616, -84.2637

Protanomaly

18.9514, 13.1080, -51.9839

Deuteranomaly

18.8827, 8.0904, -41.0665

Tritanomaly

18.2183, 1.2903, -25.5566

Monochromacy



Original Color

19.2962, 27.8616, -84.2637

Achromatopsia

14.5667, -0.7772, 0.7914

Achromatomaly

15.0563, 5.0618, -22.0686

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 19.2962, 27.8616, -84.2637 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(0, 37, 156)` looks like.

```
.text, #text, p{  
    color:rgb(0, 37, 156)  
}
```

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(0, 37, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 37, 156) }
```

Border

The CSS property to change the border of an element to HunterLab 19.2962, 27.8616, -84.2637 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(0, 37, 156) }
```


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

```
.border{ border-color:rgb(0, 37, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 37, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 37, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 37, 156);  
box-shadow:4px 4px 4px 4px rgb(0, 37, 156)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 19.2962, 27.8616, -84.2637 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 37, 156) }
```

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

```
.background{ background-color: rgb(0, 37,  
156) }
```

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