

Converting Colors

HunterLab(29.3034, 26.7933,
-89.5680)

Have a look what the booklet for
HunterLab(29.3034, 26.7933,
-89.5680) contains.

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Color

**HunterLab(29.3167, 26.8006,
-89.5149)**

Conversions

Conversions Part 1

Format	Color
Hex	1D45C6
RGB	29, 69, 198
RGB Percent	11%, 27%, 78%
CMY	0.8862, 0.7294, 0.2235
CMYK	0.85, 0.65, 0.00, 0.22
HSL	226°, 74%, 45%
HSV	226°, 85%, 78%
XYZ	12.8279, 8.5947, 54.4090
YIQ	71.7460, -65.2490, 31.6390

Conversions

Conversions Part 2

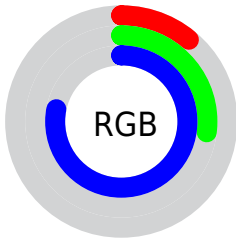
Format	Color
R _Y B	29, 61, 198
Decimal	1918406
CIE Lab	35.19, 35.82, -70.45
CIE LCh	35, 79.030, 296.952
Yxy	8.5949, 0.1692, 0.1133
Android (android.graphics.Color)	4280108486 (0xFF1D45C6)
YUV	71.7460, 62.2432, -37.4882
Hunter-Lab	29.3167, 26.8006, -89.5149

Details

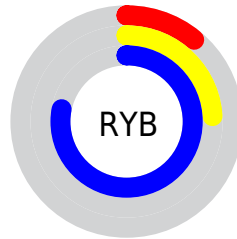
The HunterLab color **29.3167, 26.8006, -89.5149** is a dark color, and the websafe version is hex **003399**. The color can be described as dark washed blue. A complement of this color would be **60.4609, -0.2873, 36.1096**, and the grayscale version is **25.1709, -1.3431, 1.3676**.

A 20% lighter version of the original color is **48.0296, 29.2063, -86.6815**, and **16.6344, 28.2979, -81.8785** is the 20% darker color. If you saturate the color by 10%, you get **26.0082, 34.2520, -105.1688**, and if you desaturate by 10%, it is **33.2929, 20.1775, -74.2769**.

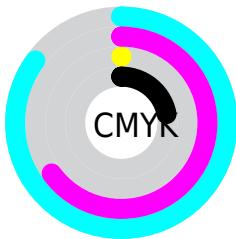
Distribution



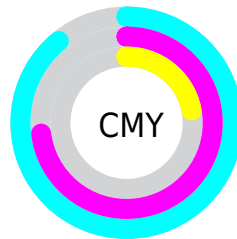
- Red (11%)
- Green (27%)
- Blue (78%)



- Red (11%)
- Yellow (24%)
- Blue (78%)



- Cyan (85%)
- Magenta (65%)
- Yellow (0%)
- Black (22%)



- Cyan (89%)
- Magenta (73%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 29.3167, 26.8006, -89.5149 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 29.3167, 26.8006, -89.5149 by changing the saturation by 10% instead.

■ 29.3167, 26.8006,
-89.5149

■ 29.3167, 26.8006,
-89.5149

■ 134.2855, 35.4706,
-91.8311

■ 21.1610, 25.2772,
-93.1526

■ 48.0797, 29.4621,
-87.3632

■ 13.9439, 23.6486,
-101.1839

■ 58.5578, 30.6075,
-87.4221

■ 7.5816, 23.5467,
-125.0252

■ 69.7027, 31.6432,
-87.8373

0.0000, INF, -NF

■ 81.4768, 32.5785,
-88.4677

0.0000, NaN, -NF

■ 93.8479, 33.4221,
-89.2278

0.0000, NaN, -NF

106.7887, 34.1812,

0.0000, NaN, NaN

-90.0634

0.0000, NaN, NaN

120.2750, 34.8622,
-90.9391

■ 29.3167, 26.8006,
-89.5149

■ 29.3167, 26.8006,
-89.5149

■ 26.0082, 34.2520,
-105.1688

■ 33.2929, 20.1775,
-74.2769

■ 24.6941, 37.7691,
-112.3980

■ 37.8099, 14.5807,
-60.2249

■ 42.7611, 9.9646,
-47.5542

■ 48.0638, 6.1903,
-36.1800

■ 53.6558, 3.1067,
-25.9197

■ 59.4905, 0.5802,
-16.5785

■ 65.5326, -1.4986,
-7.9824

■ 71.7554, -3.2160,
0.0139

■ 78.1378, -4.6397,
7.5276

Harmonies

Analogous

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



29.3170, -4.3534, -108.0936



29.3167, 26.8006, -89.5149



29.3170, 58.0261, -41.8698

Triad

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



29.3170, 26.8025, -89.5142



29.3170, 33.6418, 20.5219



29.3170, -38.1220, 4.1721

Complementary

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



29.3167, 26.8006, -89.5149



60.4609, -0.2873, 36.1096

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.



29.3170, -34.2601, 17.9860



29.3167, 26.8006, -89.5149



29.3170, 1.3299, 20.5219

Square

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



29.3170, 26.8025, -89.5142



29.3170, 62.9003, 16.5521



29.3170, -22.0696, 20.5219



29.3170, -35.6140, -32.0640

Rectangle

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



29.3167, 26.8006, -89.5149



29.3170, 70.7763, -12.3581



29.3170, -22.0696, 20.5219



29.3170, -37.5766, 10.9095

Sweetspot

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



29.3170, 26.8025, -89.5142



78.3391, 1.0936, -23.3114



65.6063, -42.2169, 11.3610



34.9696, 1.0289, -12.7672

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



29.3170, 26.8025, -89.5142



32.3830, 51.8270, -152.3555



25.1127, 50.2393, -109.7835



32.6927, -1.2095, -1.4891



20.1922, 29.5644, -89.0596



5.5579, 3.2984, -14.0672

Inverse Universe

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



36.4899, 57.4721, 14.3431



46.4648, 80.2821, 24.5230



68.9353, -32.3927, 40.9097



32.6763, 1.4584, 1.8477



28.1986, 48.8013, 14.2648



6.2306, 10.9672, 1.7232

Previews

White Background



This preview shows how the HunterLab color 29.3167, 26.8006, -89.5149 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 29.3167, 26.8006, -89.5149 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

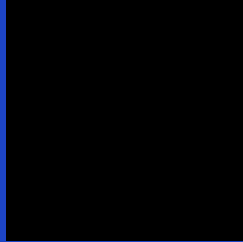
Any Text WCAG AA × Fail

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 29.3167, 26.8006, -89.5149 Background



This preview shows how black text looks on a background with the HunterLab color 29.3167, 26.8006, -89.5149.



This preview shows how white text looks on a background with the HunterLab color 29.3167, 26.8006, -89.5149.

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

29.3167, 26.8006, -89.5149

Protanopia

29.0157, 9.9034, -57.6457

Tritanopia

28.8881, -14.1058, -5.6573

Trichromacy



Original Color

29.3167, 26.8006, -89.5149

Protanomaly

28.9102, 16.0327, -69.3687

Tritanomaly

28.2469, -1.8206, -29.9674

Monochromacy



Original Color

29.3167, 26.8006, -89.5149

Achromatopsia

25.4565, -1.3583, 1.3831

Achromatomaly

25.7977, 4.3549, -23.4185

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 29.3167, 26.8006, -89.5149 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(29, 69, 198)` looks like.

```
.text, #text, p{  
    color:rgb(29, 69, 198)  
}
```

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(29, 69, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(29, 69, 198) }
```

Border

The CSS property to change the border of an element to HunterLab 29.3167, 26.8006, -89.5149 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(29, 69, 198) }
```

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

```
.border{ border-color:rgb(29, 69, 198) }
```

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

Here you see how a box with a 4 pixel rgb(29, 69, 198) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(29, 69, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(29, 69, 198);  
box-shadow:4px 4px 4px 4px rgb(29, 69,  
198) }
```


Background

The CSS property to change the background color of an element to HunterLab 29.3167, 26.8006, -89.5149 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(29, 69, 198) }
```

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

```
.background{ background-color: rgb(29, 69,  
198) }
```

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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